

MAANDAG 22 OKTOBER 2018

UITGEGEVEN DOOR EURONEXT AMSTERDAM

# OFFICIELE PRIJSCOURANT



## Equity Derivatives

| Instrument Type* | Instrument Trading Symbol | Instrument Name                                       | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |            |
|------------------|---------------------------|---|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|------------|
| O                | 1AB                       | ABN AMRO Group - Weekly Option 1st Friday             | 2-11-2018   | 21,6000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7600     |      | 1            | 0             | 0                  | 22-10-2018 |
| O                | 1AB                       | ABN AMRO Group - Weekly Option 1st Friday             | 2-11-2018   | 21,6000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2100     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | 1AB                       | ABN AMRO Group - Weekly Option 1st Friday             | 2-11-2018   | 21,8000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6200     |      | 1            | 0             | 0                  | 22-10-2018 |
| O                | 1AB                       | ABN AMRO Group - Weekly Option 1st Friday             | 2-11-2018   | 21,8000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2600     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | 1AB                       | ABN AMRO Group - Weekly Option 1st Friday             | 2-11-2018   | 22,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4900     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | 1AB                       | ABN AMRO Group - Weekly Option 1st Friday             | 2-11-2018   | 22,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3400     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | 1AB                       | ABN AMRO Group - Weekly Option 1st Friday             | 2-11-2018   | 22,2000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3800     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | 1AB                       | ABN AMRO Group - Weekly Option 1st Friday             | 2-11-2018   | 22,2000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4200     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | 1AB                       | ABN AMRO Group - Weekly Option 1st Friday             | 2-11-2018   | 22,4000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2800     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | 1AB                       | ABN AMRO Group - Weekly Option 1st Friday             | 2-11-2018   | 22,4000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5300     |      | 1            | 0             | 0                  | 22-10-2018 |
| O                | 1AB                       | ABN AMRO Group - Weekly Option 1st Friday             | 2-11-2018   | 22,6000        | C                 | EUR               | 0,3700 | 0,3700 | 0,3700 | 1           | 0,3700 | 0,2000     |      | 0            | 1             | 32                 | 22-10-2018 |
| O                | 1AB                       | ABN AMRO Group - Weekly Option 1st Friday             | 2-11-2018   | 22,6000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6400     |      | 1            | 0             | 0                  | 22-10-2018 |
| O                | 1AB                       | ABN AMRO Group - Weekly Option 1st Friday             | 2-11-2018   | 22,8000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1400     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | 1AB                       | ABN AMRO Group - Weekly Option 1st Friday             | 2-11-2018   | 22,8000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7900     |      | 1            | 0             | 0                  | 22-10-2018 |
| O                | 1AB                       | ABN AMRO Group - Weekly Option 1st Friday             | 2-11-2018   | 23,0000        | C                 | EUR               | 0,2200 | 0,2200 | 0,2200 | 1           | 0,2200 | 0,1000     |      | 0            | 2             | 5                  | 22-10-2018 |
| O                | 1AB                       | ABN AMRO Group - Weekly Option 1st Friday             | 2-11-2018   | 23,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9400     |      | 1            | 0             | 0                  | 22-10-2018 |
| O                | 1AB                       | ABN AMRO Group - Weekly Option 1st Friday             | 2-11-2018   | 23,2000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | 1AB                       | ABN AMRO Group - Weekly Option 1st Friday             | 2-11-2018   | 23,2000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1100     |      | 1            | 0             | 0                  | 22-10-2018 |
| O                | 1AF                       | Air France-KLM - Weekly Option 1st Friday             | 2-11-2018   | 7,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6200     |      | 1            | 0             | 0                  | 22-10-2018 |
| O                | 1AF                       | Air France-KLM - Weekly Option 1st Friday             | 2-11-2018   | 7,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2700     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | 1AF                       | Air France-KLM - Weekly Option 1st Friday             | 2-11-2018   | 7,9000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5500     |      | 1            | 0             | 0                  | 22-10-2018 |
| O                | 1AF                       | Air France-KLM - Weekly Option 1st Friday             | 2-11-2018   | 7,9000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3000     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | 1AF                       | Air France-KLM - Weekly Option 1st Friday             | 2-11-2018   | 8,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4800     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | 1AF                       | Air France-KLM - Weekly Option 1st Friday             | 2-11-2018   | 8,0000         | P                 | EUR               | 0,2100 | 0,2100 | 0,2100 | 1           | 0,2100 | 0,3300     |      | 0            | 1             | 1                  | 22-10-2018 |
| O                | 1AF                       | Air France-KLM - Weekly Option 1st Friday             | 2-11-2018   | 8,1000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4400     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | 1AF                       | Air France-KLM - Weekly Option 1st Friday             | 2-11-2018   | 8,1000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3900     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | 1AF                       | Air France-KLM - Weekly Option 1st Friday             | 2-11-2018   | 8,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3800     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | 1AF                       | Air France-KLM - Weekly Option 1st Friday             | 2-11-2018   | 8,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4300     |      | 0            | 5             | 5                  | 22-10-2018 |
| O                | 1AF                       | Air France-KLM - Weekly Option 1st Friday             | 2-11-2018   | 8,3000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3400     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | 1AF                       | Air France-KLM - Weekly Option 1st Friday             | 2-11-2018   | 8,3000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4900     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | 1AF                       | Air France-KLM - Weekly Option 1st Friday             | 2-11-2018   | 8,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2900     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | 1AF                       | Air France-KLM - Weekly Option 1st Friday             | 2-11-2018   | 8,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5400     |      | 1            | 0             | 0                  | 22-10-2018 |
| O                | 1AF                       | Air France-KLM - Weekly Option 1st Friday             | 2-11-2018   | 8,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2600     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | 1AF                       | Air France-KLM - Weekly Option 1st Friday             | 2-11-2018   | 8,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6100     |      | 1            | 0             | 0                  | 22-10-2018 |
| O                | 1AF                       | Air France-KLM - Weekly Option 1st Friday             | 2-11-2018   | 8,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2200     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | 1AF                       | Air France-KLM - Weekly Option 1st Friday             | 2-11-2018   | 8,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6700     |      | 1            | 0             | 0                  | 22-10-2018 |
| O                | 1AF                       | Air France-KLM - Weekly Option 1st Friday             | 2-11-2018   | 8,7000         | C                 | EUR               | 0,2200 | 0,2200 | 0,2200 | 1           | 0,2200 | 0,1900     |      | 0            | 1             | 1                  | 22-10-2018 |
| O                | 1AF                       | Air France-KLM - Weekly Option 1st Friday             | 2-11-2018   | 8,7000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7500     |      | 1            | 0             | 0                  | 22-10-2018 |
| O                | 1AF                       | Air France-KLM - Weekly Option 1st Friday             | 2-11-2018   | 8,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1700     |      | 0            | 2             | 2                  | 22-10-2018 |
| O                | 1AF                       | Air France-KLM - Weekly Option 1st Friday             | 2-11-2018   | 8,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8300     |      | 1            | 0             | 0                  | 22-10-2018 |
| O                | 1AG                       | AEGON Weekly Option - Week 1                          | 2-11-2018   | 5,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3700     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | 1AG                       | AEGON Weekly Option - Week 1                          | 2-11-2018   | 5,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | 1AG                       | AEGON Weekly Option - Week 1                          | 2-11-2018   | 5,1000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2900     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | 1AG                       | AEGON Weekly Option - Week 1                          | 2-11-2018   | 5,1000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     |      | 0            | 1             | 22-10-2018         |            |
| O                | 1AG                       | AEGON Weekly Option - Week 1                          | 2-11-2018   | 5,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2000     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | 1AG                       | AEGON Weekly Option - Week 1                          | 2-11-2018   | 5,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | 1AG                       | AEGON Weekly Option - Week 1                          | 2-11-2018   | 5,3000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | 1AG                       | AEGON Weekly Option - Week 1                          | 2-11-2018   | 5,3000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | 1AG                       | AEGON Weekly Option - Week 1                          | 2-11-2018   | 5,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | 1AG                       | AEGON Weekly Option - Week 1                          | 2-11-2018   | 5,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | 1AG                       | AEGON Weekly Option - Week 1                          | 2-11-2018   | 5,5000         | C                 | EUR               | 0,0500 | 0,0500 | 0,0400 | 2           | 0,0400 | 0,0400     |      | 0            | 8             | 8                  | 22-10-2018 |
| O                | 1AG                       | AEGON Weekly Option - Week 1                          | 2-11-2018   | 5,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1800     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | 1AG                       | AEGON Weekly Option - Week 1                          | 2-11-2018   | 5,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | 1AG                       | AEGON Weekly Option - Week 1                          | 2-11-2018   | 5,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2600     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | 1AG                       | AEGON Weekly Option - Week 1                          | 2-11-2018   | 5,7000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | 1AG                       | AEGON Weekly Option - Week 1                          | 2-11-2018   | 5,7000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3500     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | 1AH                       | Ahold Delhaize Koninklijke - Weekly Option 1st Friday | 2-11-2018   | 19,2000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8400     |      | 1            | 0             | 0                  | 22-10-2018 |
| O                | 1AH                       | Ahold Delhaize Koninklijke - Weekly Option 1st Friday | 2-11-2018   | 19,2000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | 1AH                       | Ahold Delhaize Koninklijke - Weekly Option 1st Friday | 2-11-2018   | 19,4000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6600     |      | 1            | 0             | 0                  | 22-10-2018 |
| O                | 1AH                       | Ahold Delhaize Koninklijke - Weekly Option 1st Friday | 2-11-2018   | 19,4000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | 1AH                       | Ahold Delhaize Koninklijke - Weekly Option 1st Friday | 2-11-2018   | 19,6000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5000     |      | 1            | 0             | 0                  | 22-10-2018 |
| O                | 1AH                       | Ahold Delhaize Koninklijke - Weekly Option 1st Friday | 2-11-2018   | 19,6000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1500     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | 1AH                       | Ahold Delhaize Koninklijke - Weekly Option 1st Friday | 2-11-2018   | 19,8000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3500     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | 1AH                       | Ahold Delhaize Koninklijke - Weekly Option 1st Friday | 2-11-2018   | 19,8000        | P                 | EUR               | 0,2100 | 0,2100 | 0,2100 | 1           | 0,2100 | 0,2000     |      | 0            | 1             | 1                  | 22-10-2018 |



| Instrument Type* | Instrument Trading Symbol | Instrument Name  | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|--|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | 1AH                       | Ahold Delhaize Koninklijke - Weekly Option 1st Friday        | 2-11-2018   | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2400     | 0    | 0            | 0             | 22-10-2018         |
| O                | 1AH                       | Ahold Delhaize Koninklijke - Weekly Option 1st Friday        | 2-11-2018   | 20,0000        | P                 | EUR               | 0,2100 | 0,2100 | 0,2100 | 1           | 0,2100 | 0,2900     | 0    | 1            | 1             | 22-10-2018         |
| O                | 1AH                       | Ahold Delhaize Koninklijke - Weekly Option 1st Friday        | 2-11-2018   | 20,2000        | C                 | EUR               | 0,2400 | 0,2400 | 0,2200 | 2           | 0,2200 | 0,1500     | 0    | 2            | 3             | 22-10-2018         |
| O                | 1AH                       | Ahold Delhaize Koninklijke - Weekly Option 1st Friday        | 2-11-2018   | 20,2000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4000     | 0    | 0            | 0             | 22-10-2018         |
| O                | 1AH                       | Ahold Delhaize Koninklijke - Weekly Option 1st Friday        | 2-11-2018   | 20,4000        | C                 | EUR               | 0,1400 | 0,1400 | 0,1400 | 1           | 0,1400 | 0,0900     | 0    | 3            | 4             | 22-10-2018         |
| O                | 1AH                       | Ahold Delhaize Koninklijke - Weekly Option 1st Friday        | 2-11-2018   | 20,4000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5400     | 1    | 0            | 0             | 22-10-2018         |
| O                | 1AH                       | Ahold Delhaize Koninklijke - Weekly Option 1st Friday        | 2-11-2018   | 20,6000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 0             | 22-10-2018         |
| O                | 1AH                       | Ahold Delhaize Koninklijke - Weekly Option 1st Friday        | 2-11-2018   | 20,6000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7000     | 1    | 0            | 0             | 22-10-2018         |
| O                | 1AH                       | Ahold Delhaize Koninklijke - Weekly Option 1st Friday        | 2-11-2018   | 20,8000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 0             | 22-10-2018         |
| O                | 1AH                       | Ahold Delhaize Koninklijke - Weekly Option 1st Friday        | 2-11-2018   | 20,8000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8700     | 1    | 0            | 0             | 22-10-2018         |
| O                | 1AK                       | Akzo Nobel NV - Weekly Option 1st Friday                     | 2-11-2018   | 70,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5400     | 4    | 0            | 0             | 22-10-2018         |
| O                | 1AK                       | Akzo Nobel NV - Weekly Option 1st Friday                     | 2-11-2018   | 70,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1700     | 0    | 0            | 0             | 22-10-2018         |
| O                | 1AK                       | Akzo Nobel NV - Weekly Option 1st Friday                     | 2-11-2018   | 71,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6700     | 3    | 0            | 0             | 22-10-2018         |
| O                | 1AK                       | Akzo Nobel NV - Weekly Option 1st Friday                     | 2-11-2018   | 71,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3000     | 0    | 0            | 0             | 22-10-2018         |
| O                | 1AK                       | Akzo Nobel NV - Weekly Option 1st Friday                     | 2-11-2018   | 72,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8900     | 2    | 0            | 0             | 22-10-2018         |
| O                | 1AK                       | Akzo Nobel NV - Weekly Option 1st Friday                     | 2-11-2018   | 72,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5200     | 1    | 0            | 0             | 22-10-2018         |
| O                | 1AK                       | Akzo Nobel NV - Weekly Option 1st Friday                     | 2-11-2018   | 73,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2400     | 1    | 0            | 0             | 22-10-2018         |
| O                | 1AK                       | Akzo Nobel NV - Weekly Option 1st Friday                     | 2-11-2018   | 73,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8700     | 1    | 0            | 0             | 22-10-2018         |
| O                | 1AK                       | Akzo Nobel NV - Weekly Option 1st Friday                     | 2-11-2018   | 74,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7700     | 1    | 0            | 0             | 22-10-2018         |
| O                | 1AK                       | Akzo Nobel NV - Weekly Option 1st Friday                     | 2-11-2018   | 74,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4000     | 1    | 0            | 0             | 22-10-2018         |
| O                | 1AK                       | Akzo Nobel NV - Weekly Option 1st Friday                     | 2-11-2018   | 75,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4800     | 0    | 1            | 1             | 22-10-2018         |
| O                | 1AK                       | Akzo Nobel NV - Weekly Option 1st Friday                     | 2-11-2018   | 75,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1000     | 2    | 0            | 0             | 22-10-2018         |
| O                | 1AK                       | Akzo Nobel NV - Weekly Option 1st Friday                     | 2-11-2018   | 76,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2600     | 0    | 0            | 0             | 22-10-2018         |
| O                | 1AK                       | Akzo Nobel NV - Weekly Option 1st Friday                     | 2-11-2018   | 76,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8900     | 3    | 0            | 0             | 22-10-2018         |
| O                | 1AK                       | Akzo Nobel NV - Weekly Option 1st Friday                     | 2-11-2018   | 77,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1600     | 0    | 0            | 0             | 22-10-2018         |
| O                | 1AK                       | Akzo Nobel NV - Weekly Option 1st Friday                     | 2-11-2018   | 77,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,7900     | 4    | 0            | 0             | 22-10-2018         |
| O                | 1AK                       | Akzo Nobel NV - Weekly Option 1st Friday                     | 2-11-2018   | 78,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1000     | 0    | 0            | 0             | 22-10-2018         |
| O                | 1AK                       | Akzo Nobel NV - Weekly Option 1st Friday                     | 2-11-2018   | 78,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,7300     | 5    | 0            | 0             | 22-10-2018         |
| O                | 1AS                       | ASML Holding NV - Weekly Option 1st Friday                   | 2-11-2018   | 148,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,6600     | 7    | 0            | 0             | 22-10-2018         |
| O                | 1AS                       | ASML Holding NV - Weekly Option 1st Friday                   | 2-11-2018   | 148,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8900     | 2    | 0            | 0             | 22-10-2018         |
| O                | 1AS                       | ASML Holding NV - Weekly Option 1st Friday                   | 2-11-2018   | 150,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,2600     | 5    | 0            | 0             | 22-10-2018         |
| O                | 1AS                       | ASML Holding NV - Weekly Option 1st Friday                   | 2-11-2018   | 150,0000       | P                 | EUR               | 2,1200 | 2,1200 | 2,1200 | 1           | 2,1200 | 2,5000     | 3    | 10           | 10            | 22-10-2018         |
| O                | 1AS                       | ASML Holding NV - Weekly Option 1st Friday                   | 2-11-2018   | 152,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,0400     | 4    | 0            | 0             | 22-10-2018         |
| O                | 1AS                       | ASML Holding NV - Weekly Option 1st Friday                   | 2-11-2018   | 152,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2800     | 3    | 0            | 3             | 22-10-2018         |
| O                | 1AS                       | ASML Holding NV - Weekly Option 1st Friday                   | 2-11-2018   | 154,0000       | C                 | EUR               | 3,3500 | 3,3500 | 3,3500 | 1           | 3,3500 | 3,0000     | 3    | 1            | 1             | 22-10-2018         |
| O                | 1AS                       | ASML Holding NV - Weekly Option 1st Friday                   | 2-11-2018   | 154,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,2400     | 4    | 0            | 0             | 22-10-2018         |
| O                | 1AS                       | ASML Holding NV - Weekly Option 1st Friday                   | 2-11-2018   | 156,0000       | C                 | EUR               | 3,7500 | 3,7500 | 3,7500 | 1           | 3,7500 | 2,1700     | 2    | 1            | 1             | 22-10-2018         |
| O                | 1AS                       | ASML Holding NV - Weekly Option 1st Friday                   | 2-11-2018   | 156,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,4100     | 5    | 0            | 0             | 22-10-2018         |
| O                | 1AS                       | ASML Holding NV - Weekly Option 1st Friday                   | 2-11-2018   | 158,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5000     | 2    | 0            | 0             | 22-10-2018         |
| O                | 1AS                       | ASML Holding NV - Weekly Option 1st Friday                   | 2-11-2018   | 158,0000       | P                 | EUR               | 6,1000 | 6,1000 | 6,1000 | 1           | 6,1000 | 6,7400     | 7    | 9            | 9             | 22-10-2018         |
| O                | 1AS                       | ASML Holding NV - Weekly Option 1st Friday                   | 2-11-2018   | 160,0000       | C                 | EUR               | 1,5700 | 1,5700 | 0,9700 | 4           | 0,9700 | 1,0200     | 1    | 6            | 6             | 22-10-2018         |
| O                | 1AS                       | ASML Holding NV - Weekly Option 1st Friday                   | 2-11-2018   | 160,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,2600     | 8    | 0            | 5             | 22-10-2018         |
| O                | 1AS                       | ASML Holding NV - Weekly Option 1st Friday                   | 2-11-2018   | 162,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6700     | 1    | 0            | 2             | 22-10-2018         |
| O                | 1AS                       | ASML Holding NV - Weekly Option 1st Friday                   | 2-11-2018   | 162,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,9100     | 10   | 0            | 0             | 22-10-2018         |
| O                | 1AS                       | ASML Holding NV - Weekly Option 1st Friday                   | 2-11-2018   | 164,0000       | C                 | EUR               | 0,6500 | 0,6500 | 0,5300 | 4           | 0,5300 | 0,4800     | 0    | 5            | 4             | 22-10-2018         |
| O                | 1AS                       | ASML Holding NV - Weekly Option 1st Friday                   | 2-11-2018   | 164,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,7200    | 12   | 0            | 0             | 22-10-2018         |
| O                | 1DS                       | DSM NV Koninklijke - Weekly Option 1st Friday                | 2-11-2018   | 75,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,4500     | 4    | 0            | 0             | 22-10-2018         |
| O                | 1DS                       | DSM NV Koninklijke - Weekly Option 1st Friday                | 2-11-2018   | 75,0000        | P                 | EUR               | 1,0600 | 1,0600 | 1,0000 | 2           | 1,0000 | 1,2200     | 1    | 6            | 6             | 22-10-2018         |
| O                | 1DS                       | DSM NV Koninklijke - Weekly Option 1st Friday                | 2-11-2018   | 76,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,7500     | 4    | 0            | 0             | 22-10-2018         |
| O                | 1DS                       | DSM NV Koninklijke - Weekly Option 1st Friday                | 2-11-2018   | 76,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5200     | 2    | 0            | 0             | 22-10-2018         |
| O                | 1DS                       | DSM NV Koninklijke - Weekly Option 1st Friday                | 2-11-2018   | 77,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1000     | 3    | 0            | 0             | 22-10-2018         |
| O                | 1DS                       | DSM NV Koninklijke - Weekly Option 1st Friday                | 2-11-2018   | 77,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8700     | 2    | 0            | 9             | 22-10-2018         |
| O                | 1DS                       | DSM NV Koninklijke - Weekly Option 1st Friday                | 2-11-2018   | 78,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5400     | 3    | 0            | 0             | 22-10-2018         |
| O                | 1DS                       | DSM NV Koninklijke - Weekly Option 1st Friday                | 2-11-2018   | 78,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3100     | 2    | 0            | 0             | 22-10-2018         |
| O                | 1DS                       | DSM NV Koninklijke - Weekly Option 1st Friday                | 2-11-2018   | 79,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0300     | 2    | 0            | 0             | 22-10-2018         |
| O                | 1DS                       | DSM NV Koninklijke - Weekly Option 1st Friday                | 2-11-2018   | 79,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8000     | 3    | 0            | 0             | 22-10-2018         |
| O                | 1DS                       | DSM NV Koninklijke - Weekly Option 1st Friday                | 2-11-2018   | 80,0000        | C                 | EUR               | 1,9600 | 1,9600 | 1,9600 | 1           | 1,9600 | 1,6000     | 2    | 10           | 10            | 22-10-2018         |
| O                | 1DS                       | DSM NV Koninklijke - Weekly Option 1st Friday                | 2-11-2018   | 80,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3700     | 3    | 0            | 0             | 22-10-2018         |
| O                | 1DS                       | DSM NV Koninklijke - Weekly Option 1st Friday                | 2-11-2018   | 81,0000        | C                 | EUR               | 1,4300 | 1,4300 | 1,4300 | 1           | 1,4300 | 1,2300     | 1    | 4            | 4             | 22-10-2018         |
| O                | 1DS                       | DSM NV Koninklijke - Weekly Option 1st Friday                | 2-11-2018   | 81,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,0000     | 4    | 0            | 0             | 22-10-2018         |
| O                | 1DS                       | DSM NV Koninklijke - Weekly Option 1st Friday                | 2-11-2018   | 82,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9400     | 1    | 0            | 0             | 22-10-2018         |
| O                | 1DS                       | DSM NV Koninklijke - Weekly Option 1st Friday                | 2-11-2018   | 82,0000        | P                 | EUR               | 4,1800 | 4,2200 | 4,1800 | 2           | 4,2200 | 4,7100     | 5    | 2            | 1             | 22-10-2018         |
| O                | 1DS                       | DSM NV Koninklijke - Weekly Option 1st Friday                | 2-11-2018   | 83,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7100     | 1    | 0            | 1             | 22-10-2018         |
| O                | 1DS                       | DSM NV Koninklijke - Weekly Option 1st Friday                | 2-11-2018   | 83,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,4800     | 5    | 0            | 0             | 22-10-2018         |
| O                | 1EU                       | EUE Weekly Option W1 (Underlying: iSHARES EURO STOXX 50 UCIT | 2-11-2018   | 31,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0500     | 1    | 0            | 0             | 22-10-2018         |
| O                | 1EU                       | EUE Weekly Option W1 (Underlying: iSHARES EURO STOXX 50 UCIT | 2-11-2018   | 31,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1600     | 0    | 0            | 0             | 22-10-2018         |
| O                | 1EU                       | EUE Weekly Option W1 (Underlying: iSHARES EURO STOXX 50 UCIT | 2-11-2018   | 31,8000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8200     | 1    | 0            | 0             | 22-10-2018         |
| O                | 1EU                       | EUE Weekly Option W1 (Underlying: iSHARES EURO STOXX 50 UCIT | 2-11-2018   | 31,8000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2200     | 0    | 0            | 0             | 22-10-2018         |
| O                | 1EU                       | EUE Weekly Option W1 (Underlying: iSHARES EURO STOXX 50 UCIT | 2-11-2018   | 32,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6700     | 1    | 0            | 0             | 22-10-2018         |
| O                | 1EU                       | EUE Weekly Option W1 (Underlying: iSHARES EURO STOXX 50 UCIT | 2-11-2018   | 32,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2800     | 0    | 0            | 0             | 22-10-2018         |
| O                | 1EU                       | EUE Weekly Option W1 (Underlying: iSHARES EURO STOXX 50 UCIT | 2-11-2018   | 32,2000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5300     | 1    | 0            | 0             | 22-10-2018         |
| O                | 1EU                       | EUE Weekly Option W1 (Underlying: iSHARES EURO STOXX 50 UCIT | 2-11-2018   | 32,2000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3400     | 0    | 0            | 0             | 22-10-2018         |
| O                | 1EU                       | EUE Weekly Option W1 (Underlying: iSHARES EURO STOXX 50 UCIT | 2-11-2018   | 32,4000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4100     | 0    | 0            | 0             | 22-10-2018         |
| O                | 1EU                       | EUE Weekly Option W1 (Underlying: iSHARES EURO STOXX 50 UCIT | 2-11-2018   | 32,4000        | P                 | EUR               | 0,0000 | 0,0000 |        |             |        |            |      |              |               |                    |



Euronext Amsterdam N.V. – Beursplein 5, Amsterdam – Tel: +31 (0) 20 721 4444



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| Instrument Type* | Instrument Trading Symbol | Instrument Name  | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |            |
|------------------|---------------------------|--|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|------------|
| O                | 1IZ                       | ISF Weekly Option W1 (Underlying: ISHARES CORE FTSE 100 UCIT | 2-11-2018   | 8,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3100     |      | 0            | 0             | 22-10-2018         |            |
| O                | 1IZ                       | ISF Weekly Option W1 (Underlying: ISHARES CORE FTSE 100 UCIT | 2-11-2018   | 8,3000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 22-10-2018         |            |
| O                | 1IZ                       | ISF Weekly Option W1 (Underlying: ISHARES CORE FTSE 100 UCIT | 2-11-2018   | 8,3000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4100     |      | 0            | 0             | 22-10-2018         |            |
| O                | 1IZ                       | ISF Weekly Option W1 (Underlying: ISHARES CORE FTSE 100 UCIT | 2-11-2018   | 8,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 22-10-2018         |            |
| O                | 1IZ                       | ISF Weekly Option W1 (Underlying: ISHARES CORE FTSE 100 UCIT | 2-11-2018   | 8,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5100     |      | 1            | 0             | 22-10-2018         |            |
| O                | 1MT                       | ArcelorMittal Weekly Option - 1st Friday                     | 2-11-2018   | 23,4000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8600     |      | 1            | 0             | 22-10-2018         |            |
| O                | 1MT                       | ArcelorMittal Weekly Option - 1st Friday                     | 2-11-2018   | 23,4000        | P                 | EUR               | 0,5200 | 0,5200 | 0,5200 | 1           | 0,5200 | 0,6900     |      | 4            | 4             | 22-10-2018         |            |
| O                | 1MT                       | ArcelorMittal Weekly Option - 1st Friday                     | 2-11-2018   | 23,6000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7500     |      | 1            | 0             | 22-10-2018         |            |
| O                | 1MT                       | ArcelorMittal Weekly Option - 1st Friday                     | 2-11-2018   | 23,6000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7800     |      | 1            | 0             | 22-10-2018         |            |
| O                | 1MT                       | ArcelorMittal Weekly Option - 1st Friday                     | 2-11-2018   | 23,8000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6500     |      | 1            | 0             | 22-10-2018         |            |
| O                | 1MT                       | ArcelorMittal Weekly Option - 1st Friday                     | 2-11-2018   | 23,8000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8800     |      | 1            | 0             | 22-10-2018         |            |
| O                | 1MT                       | ArcelorMittal Weekly Option - 1st Friday                     | 2-11-2018   | 24,0000        | C                 | EUR               | 0,8000 | 0,8000 | 0,8000 | 1           | 0,8000 | 0,5700     |      | 10           | 10            | 22-10-2018         |            |
| O                | 1MT                       | ArcelorMittal Weekly Option - 1st Friday                     | 2-11-2018   | 24,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0000     |      | 1            | 0             | 22-10-2018         |            |
| O                | 1MT                       | ArcelorMittal Weekly Option - 1st Friday                     | 2-11-2018   | 24,2000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4800     |      | 0            | 0             | 22-10-2018         |            |
| O                | 1MT                       | ArcelorMittal Weekly Option - 1st Friday                     | 2-11-2018   | 24,2000        | P                 | EUR               | 0,9000 | 0,9000 | 0,9000 | 1           | 0,9000 | 1,1100     |      | 1            | 1             | 22-10-2018         |            |
| O                | 1MT                       | ArcelorMittal Weekly Option - 1st Friday                     | 2-11-2018   | 24,4000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4200     |      | 0            | 0             | 22-10-2018         |            |
| O                | 1MT                       | ArcelorMittal Weekly Option - 1st Friday                     | 2-11-2018   | 24,4000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2500     |      | 1            | 0             | 22-10-2018         |            |
| O                | 1MT                       | ArcelorMittal Weekly Option - 1st Friday                     | 2-11-2018   | 24,6000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3500     |      | 0            | 0             | 22-10-2018         |            |
| O                | 1MT                       | ArcelorMittal Weekly Option - 1st Friday                     | 2-11-2018   | 24,6000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3800     |      | 1            | 0             | 22-10-2018         |            |
| O                | 1MT                       | ArcelorMittal Weekly Option - 1st Friday                     | 2-11-2018   | 24,8000        | C                 | EUR               | 0,4300 | 0,4300 | 0,4300 | 1           | 0,4300 | 0,3000     |      | 1            | 1             | 22-10-2018         |            |
| O                | 1MT                       | ArcelorMittal Weekly Option - 1st Friday                     | 2-11-2018   | 24,8000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5300     |      | 2            | 0             | 22-10-2018         |            |
| O                | 1MT                       | ArcelorMittal Weekly Option - 1st Friday                     | 2-11-2018   | 25,0000        | C                 | EUR               | 0,3000 | 0,3000 | 0,3000 | 1           | 0,3000 | 0,2600     |      | 0            | 49            | 49                 | 22-10-2018 |
| O                | 1MT                       | ArcelorMittal Weekly Option - 1st Friday                     | 2-11-2018   | 25,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7000     |      | 2            | 0             | 22-10-2018         |            |
| O                | 1MT                       | ArcelorMittal Weekly Option - 1st Friday                     | 2-11-2018   | 25,2000        | C                 | EUR               | 0,3100 | 0,3100 | 0,3100 | 2           | 0,3100 | 0,2100     |      | 0            | 3             | 3                  | 22-10-2018 |
| O                | 1MT                       | ArcelorMittal Weekly Option - 1st Friday                     | 2-11-2018   | 25,2000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8500     |      | 2            | 0             | 22-10-2018         |            |
| O                | 1MT                       | ArcelorMittal Weekly Option - 1st Friday                     | 2-11-2018   | 25,4000        | C                 | EUR               | 0,2700 | 0,2700 | 0,2700 | 2           | 0,2700 | 0,1700     |      | 0            | 96            | 101                | 22-10-2018 |
| O                | 1MT                       | ArcelorMittal Weekly Option - 1st Friday                     | 2-11-2018   | 25,4000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0100     |      | 2            | 0             | 22-10-2018         |            |
| O                | 1PH                       | Philips NV Koninklijke - Weekly Option - Week 1              | 2-11-2018   | 31,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9200     |      | 1            | 0             | 22-10-2018         |            |
| O                | 1PH                       | Philips NV Koninklijke - Weekly Option - Week 1              | 2-11-2018   | 31,5000        | P                 | EUR               | 0,3900 | 0,3900 | 0,2400 | 3           | 0,2400 | 0,6900     |      | 1            | 3             | 3                  | 22-10-2018 |
| O                | 1PH                       | Philips NV Koninklijke - Weekly Option - Week 1              | 2-11-2018   | 32,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6500     |      | 1            | 0             | 22-10-2018         |            |
| O                | 1PH                       | Philips NV Koninklijke - Weekly Option - Week 1              | 2-11-2018   | 32,0000        | P                 | EUR               | 0,4000 | 0,7000 | 0,4000 | 3           | 0,7000 | 0,9300     |      | 1            | 3             | 3                  | 22-10-2018 |
| O                | 1PH                       | Philips NV Koninklijke - Weekly Option - Week 1              | 2-11-2018   | 32,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4400     |      | 0            | 0             | 22-10-2018         |            |
| O                | 1PH                       | Philips NV Koninklijke - Weekly Option - Week 1              | 2-11-2018   | 32,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2200     |      | 1            | 0             | 22-10-2018         |            |
| O                | 1PH                       | Philips NV Koninklijke - Weekly Option - Week 1              | 2-11-2018   | 33,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2900     |      | 0            | 0             | 22-10-2018         |            |
| O                | 1PH                       | Philips NV Koninklijke - Weekly Option - Week 1              | 2-11-2018   | 33,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5700     |      | 2            | 0             | 22-10-2018         |            |
| O                | 1PH                       | Philips NV Koninklijke - Weekly Option - Week 1              | 2-11-2018   | 33,5000        | C                 | EUR               | 0,2600 | 0,2600 | 0,2600 | 3           | 0,2600 | 0,1700     |      | 0            | 7             | 7                  | 22-10-2018 |
| O                | 1PH                       | Philips NV Koninklijke - Weekly Option - Week 1              | 2-11-2018   | 33,5000        | P                 | EUR               | 1,2500 | 1,2500 | 1,2500 | 1           | 1,2500 | 1,9500     |      | 2            | 10            | 10                 | 22-10-2018 |
| O                | 1PH                       | Philips NV Koninklijke - Weekly Option - Week 1              | 2-11-2018   | 34,0000        | C                 | EUR               | 0,2000 | 0,2000 | 0,0900 | 3           | 0,0900 | 0,1100     |      | 0            | 6             | 5                  | 22-10-2018 |
| O                | 1PH                       | Philips NV Koninklijke - Weekly Option - Week 1              | 2-11-2018   | 34,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3900     |      | 2            | 0             | 1                  | 22-10-2018 |
| O                | 1PH                       | Philips NV Koninklijke - Weekly Option - Week 1              | 2-11-2018   | 34,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     |      | 0            | 1             | 22-10-2018         |            |
| O                | 1PH                       | Philips NV Koninklijke - Weekly Option - Week 1              | 2-11-2018   | 34,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8500     |      | 3            | 0             | 0                  | 22-10-2018 |
| O                | 1PH                       | Philips NV Koninklijke - Weekly Option - Week 1              | 2-11-2018   | 35,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     |      | 0            | 0             | 22-10-2018         |            |
| O                | 1PH                       | Philips NV Koninklijke - Weekly Option - Week 1              | 2-11-2018   | 35,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3200     |      | 3            | 0             | 0                  | 22-10-2018 |
| O                | 1PH                       | Philips NV Koninklijke - Weekly Option - Week 1              | 2-11-2018   | 35,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 0             | 22-10-2018         |            |
| O                | 1PH                       | Philips NV Koninklijke - Weekly Option - Week 1              | 2-11-2018   | 35,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8000     |      | 4            | 0             | 0                  | 22-10-2018 |
| O                | 1PH                       | Philips NV Koninklijke - Weekly Option - Week 1              | 2-11-2018   | 36,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 22-10-2018         |            |
| O                | 1PH                       | Philips NV Koninklijke - Weekly Option - Week 1              | 2-11-2018   | 36,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,2900     |      | 4            | 0             | 0                  | 22-10-2018 |
| O                | 1PH                       | Philips NV Koninklijke - Weekly Option - Week 1              | 2-11-2018   | 36,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 22-10-2018         |            |
| O                | 1PH                       | Philips NV Koninklijke - Weekly Option - Week 1              | 2-11-2018   | 36,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,7800     |      | 5            | 0             | 0                  | 22-10-2018 |
| O                | 1PH                       | Philips NV Koninklijke - Weekly Option - Week 1              | 2-11-2018   | 37,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 22-10-2018         |            |
| O                | 1PH                       | Philips NV Koninklijke - Weekly Option - Week 1              | 2-11-2018   | 37,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,2800     |      | 5            | 0             | 0                  | 22-10-2018 |
| O                | 1PH                       | Philips NV Koninklijke - Weekly Option - Week 1              | 2-11-2018   | 37,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 22-10-2018         |            |
| O                | 1PH                       | Philips NV Koninklijke - Weekly Option - Week 1              | 2-11-2018   | 37,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,7800     |      | 6            | 0             | 0                  | 22-10-2018 |
| O                | 1RD                       | Royal Dutch Weekly Option - 1st Friday                       | 2-11-2018   | 27,8000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7700     |      | 1            | 0             | 22-10-2018         |            |
| O                | 1RD                       | Royal Dutch Weekly Option - 1st Friday                       | 2-11-2018   | 27,8000        | P                 | EUR               | 0,2800 | 0,2800 | 0,2800 | 1           | 0,2800 | 0,2900     |      | 0            | 1             | 3                  | 22-10-2018 |
| O                | 1RD                       | Royal Dutch Weekly Option - 1st Friday                       | 2-11-2018   | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6400     |      | 1            | 0             | 3                  | 22-10-2018 |
| O                | 1RD                       | Royal Dutch Weekly Option - 1st Friday                       | 2-11-2018   | 28,0000        | P                 | EUR               | 0,2500 | 0,3500 | 0,2400 | 4           | 0,3500 | 0,3600     |      | 0            | 19            | 20                 | 22-10-2018 |
| O                | 1RD                       | Royal Dutch Weekly Option - 1st Friday                       | 2-11-2018   | 28,2000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5200     |      | 1            | 0             | 0                  | 22-10-2018 |
| O                | 1RD                       | Royal Dutch Weekly Option - 1st Friday                       | 2-11-2018   | 28,2000        | P                 | EUR               | 0,3000 | 0,3000 | 0,3000 | 1           | 0,3000 | 0,4400     |      | 0            | 2             | 15                 | 22-10-2018 |
| O                | 1RD                       | Royal Dutch Weekly Option - 1st Friday                       | 2-11-2018   | 28,4000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4100     |      | 0            | 0             | 3                  | 22-10-2018 |
| O                | 1RD                       | Royal Dutch Weekly Option - 1st Friday                       | 2-11-2018   | 28,4000        | P                 | EUR               | 0,5100 | 0,5100 | 0,5100 | 1           | 0,5100 | 0,5400     |      | 1            | 1             | 4                  | 22-10-2018 |
| O                | 1RD                       | Royal Dutch Weekly Option - 1st Friday                       | 2-11-2018   | 28,6000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3400     |      | 0            | 0             | 3                  | 22-10-2018 |
| O                | 1RD                       | Royal Dutch Weekly Option - 1st Friday                       | 2-11-2018   | 28,6000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6600     |      | 1            | 0             | 0                  | 22-10-2018 |
| O                | 1RD                       | Royal Dutch Weekly Option - 1st Friday                       | 2-11-2018   | 28,8000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2600     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | 1RD                       | Royal Dutch Weekly Option - 1st Friday                       | 2-11-2018   | 28,8000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7800     |      | 1            | 0             | 0                  | 22-10-2018 |
| O                | 1RD                       | Royal Dutch Weekly Option - 1st Friday                       | 2-11-2018   | 29,0000        | C                 | EUR               | 0,2700 | 0,2700 | 0,2000 | 2           | 0,2000 | 0,1900     |      | 0            | 35            | 108                | 22-10-2018 |
| O                | 1RD                       | Royal Dutch Weekly Option - 1st Friday                       | 2-11-2018   | 29,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9100     |      | 1            | 0             | 26                 | 22-10-2018 |
| O                | 1RD                       | Royal Dutch Weekly Option - 1st Friday                       | 2-11-2018   | 29,2000        | C                 | EUR               | 0,1900 | 0,1900 | 0,1900 | 2           | 0,1900 | 0,1500     |      | 0            | 75            | 75                 | 22-10-2018 |
| O                | 1RD                       | Royal Dutch Weekly Option - 1st Friday                       | 2-11-2018   | 29,2000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0700     |      | 1            | 0             | 0                  | 22-10-2018 |
| O                | 1SB                       | SBM Offshore NV - Weekly Option 1st Friday                   | 2-11-2018   | 14,8000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5300     |      | 1            | 0             | 0                  | 22-10-2018 |
| O                | 1SB                       | SBM Offshore NV - Weekly Option 1st Friday                   | 2-11-2018   | 14,8000        | P                 | EUR               | 0,1400 | 0,2400 | 0,1400 | 5           | 0,2400 | 0,2300     |      | 0            | 5             | 5                  | 22-10-2018 |
| O                | 1SB                       | SBM Offshore NV - Weekly Option 1st Friday                   | 2-11-2018   | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4100     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | 1SB                       | SBM Offshore NV - Weekly Option 1st Friday                   | 2-11-2018   | 15,0000        | P                 | EUR               | 0,2100 | 0,2300 | 0,2100 | 4           | 0,2300 | 0,3100     |      | 0            | 4             | 5                  | 22-10-2018 |
| O                | 1SB                       | SBM Offshore NV - Weekly Option 1st Friday                   | 2-11-2018   | 15,2000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           |        |            |      |              |               |                    |            |



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| Instrument Type* | Instrument Trading Symbol | Instrument Name                        | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|--|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | 4UN                       | Unilever NV - Weekly Option 4th Friday | 26-10-2018  | 46,5000        | P                 | EUR               | 0,1300 | 0,1300 | 0,1300 | 1           | 0,1300 | 0,1900     | 0    | 5            | 6             | 22-10-2018         |
| O                | 4UN                       | Unilever NV - Weekly Option 4th Friday | 26-10-2018  | 47,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7000     | 1    | 0            | 5             | 22-10-2018         |
| O                | 4UN                       | Unilever NV - Weekly Option 4th Friday | 26-10-2018  | 47,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3200     | 0    | 2            | 22-10-2018    |                    |
| O                | 4UN                       | Unilever NV - Weekly Option 4th Friday | 26-10-2018  | 47,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4000     | 0    | 0            | 30            | 22-10-2018         |
| O                | 4UN                       | Unilever NV - Weekly Option 4th Friday | 26-10-2018  | 47,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5200     | 1    | 0            | 3             | 22-10-2018         |
| O                | 4UN                       | Unilever NV - Weekly Option 4th Friday | 26-10-2018  | 48,0000        | C                 | EUR               | 0,4300 | 0,4300 | 0,4300 | 1           | 0,4300 | 0,2000     | 0    | 1            | 4             | 22-10-2018         |
| O                | 4UN                       | Unilever NV - Weekly Option 4th Friday | 26-10-2018  | 48,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8200     | 1    | 0            | 0             | 22-10-2018         |
| O                | 4UN                       | Unilever NV - Weekly Option 4th Friday | 26-10-2018  | 48,5000        | C                 | EUR               | 0,1800 | 0,1800 | 0,1800 | 1           | 0,1800 | 0,1000     | 0    | 1            | 17            | 22-10-2018         |
| O                | 4UN                       | Unilever NV - Weekly Option 4th Friday | 26-10-2018  | 48,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2200     | 1    | 0            | 0             | 22-10-2018         |
| O                | 4UN                       | Unilever NV - Weekly Option 4th Friday | 26-10-2018  | 49,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 0             | 22-10-2018         |
| O                | 4UN                       | Unilever NV - Weekly Option 4th Friday | 26-10-2018  | 49,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6700     | 2    | 0            | 0             | 22-10-2018         |
| F                | AA6                       | Aalberts Industries NV - Stock Future  | 16-11-2018  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4314     | 31   | 0            | 0             | 22-10-2018         |
| F                | AA6                       | Aalberts Industries NV - Stock Future  | 21-12-2018  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 31,4193    | 31   | 0            | 4610          | 22-10-2018         |
| F                | AA6                       | Aalberts Industries NV - Stock Future  | 18-1-2019   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 31,4097    | 31   | 0            | 0             | 22-10-2018         |
| F                | AA6                       | Aalberts Industries NV - Stock Future  | 15-3-2019   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 31,3991    | 31   | 0            | 0             | 22-10-2018         |
| F                | AA6                       | Aalberts Industries NV - Stock Future  | 21-6-2019   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 30,8216    | 31   | 0            | 0             | 22-10-2018         |
| F                | AA6                       | Aalberts Industries NV - Stock Future  | 20-9-2019   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 30,7962    | 31   | 0            | 0             | 22-10-2018         |
| F                | AA8                       | Aalberts Industries - Dividend Future  | 21-12-2018  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6500     | 1    | 0            | 0             | 22-10-2018         |
| F                | AA8                       | Aalberts Industries - Dividend Future  | 20-12-2019  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6500     | 1    | 0            | 0             | 22-10-2018         |
| F                | AA8                       | Aalberts Industries - Dividend Future  | 18-12-2020  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6900     | 1    | 0            | 0             | 22-10-2018         |
| F                | AA8                       | Aalberts Industries - Dividend Future  | 17-12-2021  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7200     | 1    | 0            | 0             | 22-10-2018         |
| F                | AA8                       | Aalberts Industries - Dividend Future  | 16-12-2022  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7200     | 1    | 0            | 0             | 22-10-2018         |
| O                | AAI                       | Aalberts Industries                    | 16-11-2018  | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,6300     | 4    | 0            | 50            | 22-10-2018         |
| O                | AAI                       | Aalberts Industries                    | 16-11-2018  | 28,0000        | P                 | EUR               | 0,1900 | 0,1900 | 0,1800 | 3           | 0,1800 | 0,1900     | 0    | 13           | 14            | 22-10-2018         |
| O                | AAI                       | Aalberts Industries                    | 16-11-2018  | 29,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7400     | 3    | 0            | 0             | 22-10-2018         |
| O                | AAI                       | Aalberts Industries                    | 16-11-2018  | 29,0000        | P                 | EUR               | 0,2700 | 0,3000 | 0,2700 | 2           | 0,3000 | 0,2900     | 0    | 2            | 127           | 22-10-2018         |
| O                | AAI                       | Aalberts Industries                    | 16-11-2018  | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9300     | 2    | 0            | 10            | 22-10-2018         |
| O                | AAI                       | Aalberts Industries                    | 16-11-2018  | 30,0000        | P                 | EUR               | 0,4300 | 0,5200 | 0,4300 | 3           | 0,5200 | 0,4900     | 0    | 19           | 129           | 22-10-2018         |
| O                | AAI                       | Aalberts Industries                    | 16-11-2018  | 31,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2500     | 1    | 0            | 8             | 22-10-2018         |
| O                | AAI                       | Aalberts Industries                    | 16-11-2018  | 31,0000        | P                 | EUR               | 0,6700 | 0,7800 | 0,6400 | 8           | 0,7800 | 0,8100     | 1    | 57           | 33            | 22-10-2018         |
| O                | AAI                       | Aalberts Industries                    | 16-11-2018  | 32,0000        | C                 | EUR               | 0,8200 | 0,9300 | 0,7100 | 15          | 0,7500 | 0,7300     | 1    | 84           | 147           | 22-10-2018         |
| O                | AAI                       | Aalberts Industries                    | 16-11-2018  | 32,0000        | P                 | EUR               | 1,1200 | 1,2500 | 1,0700 | 4           | 1,1700 | 1,2900     | 1    | 10           | 199           | 22-10-2018         |
| O                | AAI                       | Aalberts Industries                    | 16-11-2018  | 33,0000        | C                 | EUR               | 0,5100 | 0,5200 | 0,3700 | 10          | 0,3800 | 0,3900     | 0    | 38           | 83            | 22-10-2018         |
| O                | AAI                       | Aalberts Industries                    | 16-11-2018  | 33,0000        | P                 | EUR               | 1,7300 | 1,7300 | 1,7300 | 1           | 1,7300 | 1,9400     | 2    | 25           | 92            | 22-10-2018         |
| O                | AAI                       | Aalberts Industries                    | 16-11-2018  | 34,0000        | C                 | EUR               | 0,2800 | 0,3000 | 0,2000 | 17          | 0,2200 | 0,1800     | 0    | 192          | 215           | 22-10-2018         |
| O                | AAI                       | Aalberts Industries                    | 16-11-2018  | 34,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7400     | 3    | 0            | 95            | 22-10-2018         |
| O                | AAI                       | Aalberts Industries                    | 16-11-2018  | 35,0000        | C                 | EUR               | 0,1400 | 0,1400 | 0,1300 | 0           | 0,1300 | 0,0800     | 0    | 46           | 463           | 22-10-2018         |
| O                | AAI                       | Aalberts Industries                    | 16-11-2018  | 35,0000        | P                 | EUR               | 3,2800 | 3,2800 | 3,2400 | 3           | 3,2400 | 3,6400     | 4    | 3            | 214           | 22-10-2018         |
| O                | AAI                       | Aalberts Industries                    | 16-11-2018  | 36,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     | 0    | 0            | 208           | 22-10-2018         |
| O                | AAI                       | Aalberts Industries                    | 16-11-2018  | 36,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,5900     | 5    | 0            | 100           | 22-10-2018         |
| O                | AAI                       | Aalberts Industries                    | 16-11-2018  | 37,0000        | C                 | EUR               | 0,0400 | 0,0400 | 0,0300 | 4           | 0,0300 | 0,0200     | 0    | 21           | 79            | 22-10-2018         |
| O                | AAI                       | Aalberts Industries                    | 16-11-2018  | 37,0000        | P                 | EUR               | 5,2800 | 5,2800 | 5,2800 | 1           | 5,2800 | 5,5800     | 6    | 25           | 80            | 22-10-2018         |
| O                | AAI                       | Aalberts Industries                    | 16-11-2018  | 38,0000        | C                 | EUR               | 0,0200 | 0,0200 | 0,0200 | 1           | 0,0200 | 0,0100     | 0    | 5            | 130           | 22-10-2018         |
| O                | AAI                       | Aalberts Industries                    | 16-11-2018  | 38,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,5700     | 7    | 0            | 43            | 22-10-2018         |
| O                | AAI                       | Aalberts Industries                    | 16-11-2018  | 39,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 49            | 22-10-2018         |
| O                | AAI                       | Aalberts Industries                    | 16-11-2018  | 39,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,5700     | 8    | 0            | 2             | 22-10-2018         |
| O                | AAI                       | Aalberts Industries                    | 16-11-2018  | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 173           | 22-10-2018         |
| O                | AAI                       | Aalberts Industries                    | 16-11-2018  | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,5700     | 9    | 0            | 34            | 22-10-2018         |
| O                | AAI                       | Aalberts Industries                    | 16-11-2018  | 42,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 3             | 22-10-2018         |
| O                | AAI                       | Aalberts Industries                    | 16-11-2018  | 42,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,5700    | 11   | 0            | 24            | 22-10-2018         |
| O                | AAI                       | Aalberts Industries                    | 16-11-2018  | 44,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | AAI                       | Aalberts Industries                    | 16-11-2018  | 44,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,5700    | 13   | 0            | 0             | 22-10-2018         |
| O                | AAI                       | Aalberts Industries                    | 21-12-2018  | 26,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,6500     | 6    | 0            | 0             | 22-10-2018         |
| O                | AAI                       | Aalberts Industries                    | 21-12-2018  | 26,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1900     | 0    | 0            | 30            | 22-10-2018         |
| O                | AAI                       | Aalberts Industries                    | 21-12-2018  | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8100     | 4    | 0            | 60            | 22-10-2018         |
| O                | AAI                       | Aalberts Industries                    | 21-12-2018  | 28,0000        | P                 | EUR               | 0,3700 | 0,3700 | 0,3700 | 1           | 0,3700 | 0,3700     | 0    | 10           | 59            | 22-10-2018         |
| O                | AAI                       | Aalberts Industries                    | 21-12-2018  | 29,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9900     | 3    | 0            | 0             | 22-10-2018         |
| O                | AAI                       | Aalberts Industries                    | 21-12-2018  | 29,0000        | P                 | EUR               | 0,5400 | 0,5400 | 0,5400 | 1           | 0,5400 | 0,5500     | 1    | 1            | 49            | 22-10-2018         |
| O                | AAI                       | Aalberts Industries                    | 21-12-2018  | 30,0000        | C                 | EUR               | 2,3900 | 2,3900 | 2,3900 | 1           | 2,3900 | 2,2400     | 2    | 1            | 12            | 22-10-2018         |
| O                | AAI                       | Aalberts Industries                    | 21-12-2018  | 30,0000        | P                 | EUR               | 0,8100 | 0,8100 | 0,7000 | 3           | 0,7000 | 0,8100     | 1    | 6            | 171           | 22-10-2018         |
| O                | AAI                       | Aalberts Industries                    | 21-12-2018  | 31,0000        | C                 | EUR               | 1,6100 | 1,6100 | 1,6100 | 1           | 1,6100 | 1,6100     | 2    | 2            | 4             | 22-10-2018         |
| O                | AAI                       | Aalberts Industries                    | 21-12-2018  | 31,0000        | P                 | EUR               | 1,1500 | 1,1500 | 1,1500 | 1           | 1,1500 | 1,1700     | 1    | 1            | 32            | 22-10-2018         |
| O                | AAI                       | Aalberts Industries                    | 21-12-2018  | 32,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0900     | 1    | 0            | 58            | 22-10-2018         |
| O                | AAI                       | Aalberts Industries                    | 21-12-2018  | 32,0000        | P                 | EUR               | 1,6000 | 1,6000 | 1,5400 | 2           | 1,5400 | 1,6600     | 2    | 3            | 74            | 22-10-2018         |
| O                | AAI                       | Aalberts Industries                    | 21-12-2018  | 33,0000        | C                 | EUR               | 0,8500 | 0,8500 | 0,7000 | 5           | 0,7000 | 0,7100     | 2    | 12           | 16            | 22-10-2018         |
| O                | AAI                       | Aalberts Industries                    | 21-12-2018  | 33,0000        | P                 | EUR               | 2,2700 | 2,2700 | 2,2700 | 1           | 2,2700 | 2,2700     | 2    | 1            | 93            | 22-10-2018         |
| O                | AAI                       | Aalberts Industries                    | 21-12-2018  | 34,0000        | C                 | EUR               | 0,5800 | 0,6000 | 0,4700 | 5           | 0,5200 | 0,4400     | 0    | 8            | 152           | 22-10-2018         |
| O                | AAI                       | Aalberts Industries                    | 21-12-2018  | 34,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0100     | 3    | 0            | 128           | 22-10-2018         |
| O                | AAI                       | Aalberts Industries                    | 21-12-2018  | 35,0000        | C                 | EUR               | 0,3000 | 0,3000 | 0,2900 | 2           | 0,2900 | 0,2600     | 0    | 6            | 172           | 22-10-2018         |
| O                | AAI                       | Aalberts Industries                    | 21-12-2018  | 35,0000        | P                 | EUR               | 3,4900 | 3,4900 | 3,4900 | 1           | 3,4900 | 3,8300     | 4    | 3            | 296           | 22-10-2018         |
| O                | AAI                       | Aalberts Industries                    | 21-12-2018  | 36,0000        | C                 | EUR               | 0,2000 | 0,2000 | 0,1900 | 3           | 0,1900 | 0,1600     | 0    | 14           | 158           | 22-10-2018         |
| O                | AAI                       | Aalberts Industries                    | 21-12-2018  | 36,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,7200     | 5    | 0            | 308           | 22-10-2018         |
| O                | AAI                       | Aalberts Industries                    | 21-12-2018  | 37,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     | 0    | 0            | 98            | 22-10-2018         |
| O                | AAI                       | Aalberts Industries                    | 21-12-2018  | 37,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,6500     | 6    | 0            | 54            | 22-10-2018         |
| O                | AAI                       | Aalberts Industries                    | 21-12-2018  | 38,0000        | C                 | EUR               | 0,0800 | 0,0800 | 0,0800 | 2           | 0,0800 | 0,0600     | 0    | 16           | 322           | 22-10-2018         |
| O                | AAI                       | Aalberts Industries                    | 21-12-2018  | 38,0000        | P                 | EUR               | 6,3500 | 6,3500 | 6,3500 | 1           | 6,     |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name     | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open    | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|---------------------|-------------|----------------|-------------------|-------------------|---------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | AAI                       | Aalberts Industries | 21-12-2018  | 46,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 14,5900    | 15   | 0            | 110           | 22-10-2018         |
| O                | AAI                       | Aalberts Industries | 21-12-2018  | 50,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 71            | 22-10-2018         |
| O                | AAI                       | Aalberts Industries | 21-12-2018  | 50,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 18,5900    | 19   | 0            | 11            | 22-10-2018         |
| O                | AAI                       | Aalberts Industries | 21-12-2018  | 55,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | AAI                       | Aalberts Industries | 21-12-2018  | 55,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 23,6000    | 24   | 0            | 0             | 22-10-2018         |
| O                | AAI                       | Aalberts Industries | 21-12-2018  | 60,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | AAI                       | Aalberts Industries | 21-12-2018  | 60,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 28,6000    | 29   | 0            | 0             | 22-10-2018         |
| O                | AAI                       | Aalberts Industries | 18-1-2019   | 28,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 3,9400     | 4    | 0            | 0             | 22-10-2018         |
| O                | AAI                       | Aalberts Industries | 18-1-2019   | 28,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,4900     | 0    | 0            | 0             | 22-10-2018         |
| O                | AAI                       | Aalberts Industries | 18-1-2019   | 29,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 3,1300     | 3    | 0            | 0             | 22-10-2018         |
| O                | AAI                       | Aalberts Industries | 18-1-2019   | 29,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,6900     | 1    | 0            | 0             | 22-10-2018         |
| O                | AAI                       | Aalberts Industries | 18-1-2019   | 30,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,4100     | 2    | 0            | 0             | 22-10-2018         |
| O                | AAI                       | Aalberts Industries | 18-1-2019   | 30,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,9800     | 1    | 0            | 0             | 22-10-2018         |
| O                | AAI                       | Aalberts Industries | 18-1-2019   | 31,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,7900     | 2    | 0            | 0             | 22-10-2018         |
| O                | AAI                       | Aalberts Industries | 18-1-2019   | 31,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,3500     | 1    | 0            | 0             | 22-10-2018         |
| O                | AAI                       | Aalberts Industries | 18-1-2019   | 32,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,2800     | 1    | 0            | 0             | 22-10-2018         |
| O                | AAI                       | Aalberts Industries | 18-1-2019   | 32,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,8500     | 2    | 0            | 0             | 22-10-2018         |
| O                | AAI                       | Aalberts Industries | 18-1-2019   | 33,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,8800     | 1    | 0            | 0             | 22-10-2018         |
| O                | AAI                       | Aalberts Industries | 18-1-2019   | 33,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,4300     | 2    | 0            | 0             | 22-10-2018         |
| O                | AAI                       | Aalberts Industries | 18-1-2019   | 34,0000        | C                 | EUR               | 0,6700  | 0,7000 | 0,6700 | 7           | 0,6800 | 0,5900     | 1    | 12           | 12            | 22-10-2018         |
| O                | AAI                       | Aalberts Industries | 18-1-2019   | 34,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 3,1400     | 3    | 0            | 0             | 22-10-2018         |
| O                | AAI                       | Aalberts Industries | 18-1-2019   | 36,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,2400     | 0    | 0            | 0             | 22-10-2018         |
| O                | AAI                       | Aalberts Industries | 18-1-2019   | 36,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 4,7900     | 5    | 0            | 0             | 22-10-2018         |
| O                | AAI                       | Aalberts Industries | 18-1-2019   | 38,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     | 0    | 0            | 0             | 22-10-2018         |
| O                | AAI                       | Aalberts Industries | 18-1-2019   | 38,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 6,6700     | 7    | 0            | 0             | 22-10-2018         |
| O                | AAI                       | Aalberts Industries | 15-3-2019   | 24,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 7,7000     | 8    | 0            | 0             | 22-10-2018         |
| O                | AAI                       | Aalberts Industries | 15-3-2019   | 24,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,2500     | 0    | 0            | 0             | 22-10-2018         |
| O                | AAI                       | Aalberts Industries | 15-3-2019   | 26,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 5,8700     | 6    | 0            | 11            | 22-10-2018         |
| O                | AAI                       | Aalberts Industries | 15-3-2019   | 26,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,4300     | 0    | 0            | 19            | 22-10-2018         |
| O                | AAI                       | Aalberts Industries | 15-3-2019   | 28,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 4,2100     | 4    | 0            | 15            | 22-10-2018         |
| O                | AAI                       | Aalberts Industries | 15-3-2019   | 28,0000        | P                 | EUR               | 0,7500  | 0,7500 | 0,7500 | 1           | 0,7500 | 0,7700     | 1    | 1            | 26            | 22-10-2018         |
| O                | AAI                       | Aalberts Industries | 15-3-2019   | 30,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,8000     | 3    | 0            | 37            | 22-10-2018         |
| O                | AAI                       | Aalberts Industries | 15-3-2019   | 30,0000        | P                 | EUR               | 1,2500  | 1,2500 | 1,2500 | 1           | 1,2500 | 1,3600     | 1    | 5            | 235           | 22-10-2018         |
| O                | AAI                       | Aalberts Industries | 15-3-2019   | 32,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,7000     | 2    | 0            | 209           | 22-10-2018         |
| O                | AAI                       | Aalberts Industries | 15-3-2019   | 32,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,2800     | 2    | 0            | 131           | 22-10-2018         |
| O                | AAI                       | Aalberts Industries | 15-3-2019   | 34,0000        | C                 | EUR               | 1,1000  | 1,1000 | 1,0300 | 5           | 1,0300 | 0,9600     | 1    | 9            | 229           | 22-10-2018         |
| O                | AAI                       | Aalberts Industries | 15-3-2019   | 34,0000        | P                 | EUR               | 3,2500  | 3,3300 | 3,2500 | 2           | 3,3300 | 3,5300     | 4    | 408          | 408           | 22-10-2018         |
| O                | AAI                       | Aalberts Industries | 15-3-2019   | 35,0000        | C                 | EUR               | 15,7800 | 0,7800 | 0,7600 | 2           | 0,7600 | 0,7000     | 1    | 3            | 182           | 22-10-2018         |
| O                | AAI                       | Aalberts Industries | 15-3-2019   | 35,0000        | P                 | EUR               | 4,0300  | 4,0300 | 4,0300 | 1           | 4,0300 | 4,2800     | 4    | 3            | 310           | 22-10-2018         |
| O                | AAI                       | Aalberts Industries | 15-3-2019   | 36,0000        | C                 | EUR               | 0,5400  | 0,5400 | 0,5400 | 1           | 0,5400 | 0,5100     | 1    | 1            | 289           | 22-10-2018         |
| O                | AAI                       | Aalberts Industries | 15-3-2019   | 36,0000        | P                 | EUR               | 4,6400  | 5,0700 | 4,6400 | 2           | 5,0700 | 5,1000     | 5    | 4            | 425           | 22-10-2018         |
| O                | AAI                       | Aalberts Industries | 15-3-2019   | 38,0000        | C                 | EUR               | 0,3200  | 0,3200 | 0,3000 | 2           | 0,3000 | 0,2700     | 0    | 6            | 292           | 22-10-2018         |
| O                | AAI                       | Aalberts Industries | 15-3-2019   | 38,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 6,8500     | 7    | 0            | 565           | 22-10-2018         |
| O                | AAI                       | Aalberts Industries | 15-3-2019   | 40,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,1400     | 0    | 0            | 668           | 22-10-2018         |
| O                | AAI                       | Aalberts Industries | 15-3-2019   | 40,0000        | P                 | EUR               | 8,3400  | 8,3400 | 8,3400 | 1           | 8,3400 | 8,7400     | 9    | 5            | 340           | 22-10-2018         |
| O                | AAI                       | Aalberts Industries | 15-3-2019   | 42,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     | 0    | 0            | 148           | 22-10-2018         |
| O                | AAI                       | Aalberts Industries | 15-3-2019   | 42,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 10,6900    | 11   | 0            | 169           | 22-10-2018         |
| O                | AAI                       | Aalberts Industries | 15-3-2019   | 44,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 73            | 22-10-2018         |
| O                | AAI                       | Aalberts Industries | 15-3-2019   | 44,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 12,6600    | 13   | 0            | 105           | 22-10-2018         |
| O                | AAI                       | Aalberts Industries | 15-3-2019   | 46,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 33            | 22-10-2018         |
| O                | AAI                       | Aalberts Industries | 15-3-2019   | 46,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 14,6500    | 15   | 0            | 22            | 22-10-2018         |
| O                | AAI                       | Aalberts Industries | 15-3-2019   | 50,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 36            | 22-10-2018         |
| O                | AAI                       | Aalberts Industries | 15-3-2019   | 50,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 18,6400    | 19   | 0            | 10            | 22-10-2018         |
| O                | AAI                       | Aalberts Industries | 15-3-2019   | 55,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | AAI                       | Aalberts Industries | 15-3-2019   | 55,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 23,6400    | 24   | 0            | 0             | 22-10-2018         |
| O                | AAI                       | Aalberts Industries | 15-3-2019   | 60,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | AAI                       | Aalberts Industries | 15-3-2019   | 60,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 28,6400    | 29   | 0            | 0             | 22-10-2018         |
| O                | AAI                       | Aalberts Industries | 21-6-2019   | 24,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 7,7700     | 8    | 0            | 10            | 22-10-2018         |
| O                | AAI                       | Aalberts Industries | 21-6-2019   | 24,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,4800     | 0    | 0            | 2             | 22-10-2018         |
| O                | AAI                       | Aalberts Industries | 21-6-2019   | 26,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 6,0000     | 6    | 0            | 0             | 22-10-2018         |
| O                | AAI                       | Aalberts Industries | 21-6-2019   | 26,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,7900     | 1    | 0            | 3             | 22-10-2018         |
| O                | AAI                       | Aalberts Industries | 21-6-2019   | 28,0000        | C                 | EUR               | 4,7000  | 4,7000 | 4,7000 | 1           | 4,7000 | 4,4200     | 4    | 2            | 28            | 22-10-2018         |
| O                | AAI                       | Aalberts Industries | 21-6-2019   | 28,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,3000     | 1    | 0            | 50            | 22-10-2018         |
| O                | AAI                       | Aalberts Industries | 21-6-2019   | 30,0000        | C                 | EUR               | 3,3100  | 3,3100 | 3,0400 | 5           | 3,0400 | 3,0800     | 3    | 11           | 80            | 22-10-2018         |
| O                | AAI                       | Aalberts Industries | 21-6-2019   | 30,0000        | P                 | EUR               | 1,9500  | 1,9500 | 1,9500 | 1           | 1,9500 | 2,0500     | 2    | 10           | 337           | 22-10-2018         |
| O                | AAI                       | Aalberts Industries | 21-6-2019   | 32,0000        | C                 | EUR               | 2,2000  | 2,2000 | 2,1400 | 2           | 2,1400 | 2,0200     | 2    | 3            | 36            | 22-10-2018         |
| O                | AAI                       | Aalberts Industries | 21-6-2019   | 32,0000        | P                 | EUR               | 2,8900  | 2,8900 | 2,8900 | 1           | 2,8900 | 3,0800     | 3    | 3            | 39            | 22-10-2018         |
| O                | AAI                       | Aalberts Industries | 21-6-2019   | 34,0000        | C                 | EUR               | 1,3500  | 1,3500 | 1,3500 | 3           | 1,3500 | 1,2700     | 1    | 10           | 133           | 22-10-2018         |
| O                | AAI                       | Aalberts Industries | 21-6-2019   | 34,0000        | P                 | EUR               | 4,2500  | 4,2500 | 4,2500 | 1           | 4,2500 | 4,3900     | 4    | 5            | 212           | 22-10-2018         |
| O                | AAI                       | Aalberts Industries | 21-6-2019   | 36,0000        | C                 | EUR               | 0,8000  | 0,8000 | 0,8000 | 1           | 0,8000 | 0,7600     | 1    | 1            | 477           | 22-10-2018         |
| O                | AAI                       | Aalberts Industries | 21-6-2019   | 36,0000        | P                 | EUR               | 5,9200  | 5,9200 | 5,9200 | 1           | 5,9200 | 5,9200     | 6    | 1            | 122           | 22-10-2018         |
| O                | AAI                       | Aalberts Industries | 21-6-2019   | 38,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,4500     | 0    | 0            | 81            | 22-10-2018         |
| O                | AAI                       | Aalberts Industries | 21-6-2019   | 38,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 7,6500     | 8    | 0            | 69            | 22-10-2018         |
| O                | AAI                       | Aalberts Industries | 21-6-2019   | 40,0000        | C                 | EUR               | 0,3100  | 0,3100 | 0,3100 | 1           | 0,3100 | 0,2800     | 0    | 2            | 210           | 22-10-2018         |
| O                | AAI                       | Aalberts Industries | 21-6-2019   | 40,0000        | P                 | EUR               | 9,4500  | 9,4500 | 9,4500 | 1           | 9,4500 | 9,4700     | 9    | 5            | 117           | 22-10-2018         |
| O                | AAI                       | Aalberts Industries | 21-6-2019   | 45,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     | 0    | 0            | 33            | 22-10-2018         |
| O                | AAI                       | Aalberts Industries | 21-6-2019   | 45,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 14,2100    | 14   | 0            | 13            | 22-10-2018         |
| O                | AAI                       | Aalberts Industries | 21-6-2019   | 50,0000        |                   |                   |         |        |        |             |        |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name               | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|-------------------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | ABN                       | ABN AMRO Group - Stock Option | 16-11-2018  | 21,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4400     |      | 1            | 0             | 0 22-10-2018       |
| O                | ABN                       | ABN AMRO Group - Stock Option | 16-11-2018  | 21,0000        | P                 | EUR               | 0,1900 | 0,2700 | 0,1900 | 12          | 0,2700 | 0,2800     |      | 0            | 260           | 432 22-10-2018     |
| O                | ABN                       | ABN AMRO Group - Stock Option | 16-11-2018  | 21,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0700     |      | 1            | 0             | 0 22-10-2018       |
| O                | ABN                       | ABN AMRO Group - Stock Option | 16-11-2018  | 21,5000        | P                 | EUR               | 0,4000 | 0,4000 | 0,4000 | 6           | 0,4000 | 0,4100     |      | 0            | 395           | 395 22-10-2018     |
| O                | ABN                       | ABN AMRO Group - Stock Option | 16-11-2018  | 22,0000        | C                 | EUR               | 0,8900 | 0,8900 | 0,8900 | 1           | 0,8900 | 0,7500     |      | 1            | 1             | 52 22-10-2018      |
| O                | ABN                       | ABN AMRO Group - Stock Option | 16-11-2018  | 22,0000        | P                 | EUR               | 0,4800 | 0,5000 | 0,4600 | 4           | 0,5000 | 0,5900     |      | 1            | 16            | 660 22-10-2018     |
| O                | ABN                       | ABN AMRO Group - Stock Option | 16-11-2018  | 22,5000        | C                 | EUR               | 0,6000 | 0,6000 | 0,4900 | 10          | 0,4900 | 0,4900     |      | 0            | 119           | 675 22-10-2018     |
| O                | ABN                       | ABN AMRO Group - Stock Option | 16-11-2018  | 22,5000        | P                 | EUR               | 0,6600 | 0,8400 | 0,6600 | 5           | 0,8400 | 0,8400     |      | 1            | 66            | 470 22-10-2018     |
| O                | ABN                       | ABN AMRO Group - Stock Option | 16-11-2018  | 23,0000        | C                 | EUR               | 0,4800 | 0,4800 | 0,3000 | 15          | 0,3100 | 0,3100     |      | 0            | 128           | 456 22-10-2018     |
| O                | ABN                       | ABN AMRO Group - Stock Option | 16-11-2018  | 23,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1500     |      | 1            | 0             | 2412 22-10-2018    |
| O                | ABN                       | ABN AMRO Group - Stock Option | 16-11-2018  | 23,5000        | C                 | EUR               | 0,2800 | 0,2800 | 0,1800 | 15          | 0,1800 | 0,1800     |      | 0            | 164           | 278 22-10-2018     |
| O                | ABN                       | ABN AMRO Group - Stock Option | 16-11-2018  | 23,5000        | P                 | EUR               | 1,4500 | 1,4500 | 1,4500 | 2           | 1,4500 | 1,5200     |      | 2            | 10            | 435 22-10-2018     |
| O                | ABN                       | ABN AMRO Group - Stock Option | 16-11-2018  | 24,0000        | C                 | EUR               | 0,1600 | 0,1600 | 0,1000 | 14          | 0,1000 | 0,1000     |      | 0            | 58            | 1409 22-10-2018    |
| O                | ABN                       | ABN AMRO Group - Stock Option | 16-11-2018  | 24,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9400     |      | 2            | 0             | 711 22-10-2018     |
| O                | ABN                       | ABN AMRO Group - Stock Option | 16-11-2018  | 24,5000        | C                 | EUR               | 0,1000 | 0,1000 | 0,0600 | 2           | 0,0600 | 0,0600     |      | 0            | 16            | 579 22-10-2018     |
| O                | ABN                       | ABN AMRO Group - Stock Option | 16-11-2018  | 24,5000        | P                 | EUR               | 2,1600 | 2,1600 | 2,1600 | 1           | 2,1600 | 2,4100     |      | 2            | 1             | 237 22-10-2018     |
| O                | ABN                       | ABN AMRO Group - Stock Option | 16-11-2018  | 25,0000        | C                 | EUR               | 0,0400 | 0,0400 | 0,0400 | 1           | 0,0400 | 0,0400     |      | 0            | 1             | 552 22-10-2018     |
| O                | ABN                       | ABN AMRO Group - Stock Option | 16-11-2018  | 25,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8800     |      | 3            | 0             | 185 22-10-2018     |
| O                | ABN                       | ABN AMRO Group - Stock Option | 16-11-2018  | 26,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 368 22-10-2018     |
| O                | ABN                       | ABN AMRO Group - Stock Option | 16-11-2018  | 26,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8600     |      | 4            | 0             | 92 22-10-2018      |
| O                | ABN                       | ABN AMRO Group - Stock Option | 16-11-2018  | 27,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 132           | 22-10-2018         |
| O                | ABN                       | ABN AMRO Group - Stock Option | 16-11-2018  | 27,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,8500     |      | 5            | 0             | 1 22-10-2018       |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-12-2018  | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,1600     |      | 8            | 0             | 0 22-10-2018       |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-12-2018  | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 332 22-10-2018     |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-12-2018  | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,1700     |      | 7            | 0             | 0 22-10-2018       |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-12-2018  | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     |      | 0            | 196           | 22-10-2018         |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-12-2018  | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,1900     |      | 6            | 0             | 0 22-10-2018       |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-12-2018  | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     |      | 0            | 184           | 22-10-2018         |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-12-2018  | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,2500     |      | 4            | 0             | 37 22-10-2018      |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-12-2018  | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1000     |      | 0            | 759           | 22-10-2018         |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-12-2018  | 19,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3100     |      | 3            | 0             | 33 22-10-2018      |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-12-2018  | 19,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1500     |      | 0            | 274           | 22-10-2018         |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-12-2018  | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4100     |      | 2            | 0             | 110 22-10-2018     |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-12-2018  | 20,0000        | P                 | EUR               | 0,2100 | 0,2500 | 0,2100 | 3           | 0,2500 | 0,2600     |      | 0            | 107           | 2318 22-10-2018    |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-12-2018  | 21,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6100     |      | 2            | 0             | 42 22-10-2018      |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-12-2018  | 21,0000        | P                 | EUR               | 0,3600 | 0,3600 | 0,3600 | 1           | 0,3600 | 0,4500     |      | 0            | 20            | 980 22-10-2018     |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-12-2018  | 21,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2600     |      | 1            | 0             | 0 22-10-2018       |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-12-2018  | 21,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6000     |      | 1            | 0             | 0 22-10-2018       |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-12-2018  | 22,0000        | C                 | EUR               | 1,1500 | 1,1500 | 0,9900 | 9           | 0,9900 | 0,9600     |      | 1            | 50            | 551 22-10-2018     |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-12-2018  | 22,0000        | P                 | EUR               | 0,6100 | 0,7800 | 0,6100 | 15          | 0,7800 | 0,8000     |      | 1            | 470           | 7637 22-10-2018    |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-12-2018  | 22,5000        | C                 | EUR               | 0,8000 | 0,8000 | 0,7500 | 2           | 0,7500 | 0,7000     |      | 1            | 17            | 226 22-10-2018     |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-12-2018  | 22,5000        | P                 | EUR               | 0,9400 | 1,0400 | 0,9300 | 3           | 1,0400 | 1,0400     |      | 1            | 33            | 185 22-10-2018     |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-12-2018  | 23,0000        | C                 | EUR               | 0,6400 | 0,6400 | 0,5900 | 2           | 0,5900 | 0,4900     |      | 0            | 51            | 2361 22-10-2018    |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-12-2018  | 23,0000        | P                 | EUR               | 1,1700 | 1,2000 | 1,1400 | 4           | 1,2000 | 1,3300     |      | 1            | 5             | 4159 22-10-2018    |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-12-2018  | 23,5000        | C                 | EUR               | 0,4000 | 0,4000 | 0,4000 | 1           | 0,4000 | 0,3400     |      | 0            | 14            | 122 22-10-2018     |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-12-2018  | 23,5000        | P                 | EUR               | 1,5000 | 1,5000 | 1,4900 | 2           | 1,4900 | 1,6800     |      | 2            | 2             | 670 22-10-2018     |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-12-2018  | 24,0000        | C                 | EUR               | 0,3000 | 0,3000 | 0,2300 | 7           | 0,2300 | 0,2300     |      | 0            | 80            | 2053 22-10-2018    |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-12-2018  | 24,0000        | P                 | EUR               | 1,7200 | 2,0800 | 1,7200 | 9           | 2,0800 | 2,0700     |      | 2            | 9             | 3785 22-10-2018    |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-12-2018  | 24,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1500     |      | 0            | 0             | 121 22-10-2018     |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-12-2018  | 24,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4900     |      | 2            | 0             | 153 22-10-2018     |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-12-2018  | 25,0000        | C                 | EUR               | 0,1400 | 0,1400 | 0,1100 | 6           | 0,1100 | 0,1100     |      | 0            | 81            | 3862 22-10-2018    |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-12-2018  | 25,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9400     |      | 3            | 0             | 3516 22-10-2018    |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-12-2018  | 26,0000        | C                 | EUR               | 0,0700 | 0,0700 | 0,0600 | 4           | 0,0700 | 0,0500     |      | 0            | 57            | 4492 22-10-2018    |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-12-2018  | 26,0000        | P                 | EUR               | 3,6400 | 3,6400 | 3,6400 | 1           | 3,6400 | 3,8900     |      | 4            | 1             | 1397 22-10-2018    |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-12-2018  | 27,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     |      | 0            | 0             | 1974 22-10-2018    |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-12-2018  | 27,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,8600     |      | 5            | 0             | 758 22-10-2018     |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-12-2018  | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 1600 22-10-2018    |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-12-2018  | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,8700     |      | 6            | 0             | 118 22-10-2018     |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-12-2018  | 29,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 438 22-10-2018     |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-12-2018  | 29,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,8600     |      | 7            | 0             | 261 22-10-2018     |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-12-2018  | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 752 22-10-2018     |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-12-2018  | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,8600     |      | 8            | 0             | 343 22-10-2018     |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-12-2018  | 32,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 161 22-10-2018     |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-12-2018  | 32,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,8600     |      | 10           | 0             | 5 22-10-2018       |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-12-2018  | 35,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 4 22-10-2018       |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-12-2018  | 35,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,8600    |      | 13           | 0             | 105 22-10-2018     |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-12-2018  | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0 22-10-2018       |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-12-2018  | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,8700    |      | 18           | 0             | 24 22-10-2018      |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-12-2018  | 45,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0 22-10-2018       |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-12-2018  | 45,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,8700    |      | 23           | 0             | 178 22-10-2018     |
| O                | ABN                       | ABN AMRO Group - Stock Option | 18-1-2019   | 19,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3600     |      | 3            | 0             | 0 22-10-2018       |
| O                | ABN                       | ABN AMRO Group - Stock Option | 18-1-2019   | 19,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2100     |      | 0            | 0             | 0 22-10-2018       |
| O                | ABN                       | ABN AMRO Group - Stock Option | 18-1-2019   | 20,0000        | C                 | EUR               | 2,5000 | 2,5000 | 2,5000 | 1           | 2,5000 | 2,5300     |      | 3            | 5             | 5 22-10-2018       |
| O                | ABN                       | ABN AMRO Group - Stock Option | 18-1-2019   | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3400     |      | 0            | 0             | 0 22-10-2018       |
| O                | ABN                       | ABN AMRO Group - Stock Option | 18-1-2019   | 21,0000        | C                 | EUR               | 0,0000 | 0,0000 |        |             |        |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name               | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|-------------------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | ABN                       | ABN AMRO Group - Stock Option | 18-1-2019   | 25,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0300     |      | 3            | 0             | 0 22-10-2018       |
| O                | ABN                       | ABN AMRO Group - Stock Option | 18-1-2019   | 26,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     |      | 0            | 0             | 0 22-10-2018       |
| O                | ABN                       | ABN AMRO Group - Stock Option | 18-1-2019   | 26,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9500     |      | 4            | 0             | 0 22-10-2018       |
| O                | ABN                       | ABN AMRO Group - Stock Option | 15-3-2019   | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,2600     |      | 6            | 0             | 54 22-10-2018      |
| O                | ABN                       | ABN AMRO Group - Stock Option | 15-3-2019   | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     |      | 0            | 37            | 22-10-2018         |
| O                | ABN                       | ABN AMRO Group - Stock Option | 15-3-2019   | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,4300     |      | 4            | 0             | 1 22-10-2018       |
| O                | ABN                       | ABN AMRO Group - Stock Option | 15-3-2019   | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2500     |      | 0            | 1137          | 22-10-2018         |
| O                | ABN                       | ABN AMRO Group - Stock Option | 15-3-2019   | 19,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5200     |      | 4            | 0             | 10 22-10-2018      |
| O                | ABN                       | ABN AMRO Group - Stock Option | 15-3-2019   | 19,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3600     |      | 0            | 253           | 22-10-2018         |
| O                | ABN                       | ABN AMRO Group - Stock Option | 15-3-2019   | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7000     |      | 3            | 0             | 51 22-10-2018      |
| O                | ABN                       | ABN AMRO Group - Stock Option | 15-3-2019   | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5400     |      | 0            | 313           | 22-10-2018         |
| O                | ABN                       | ABN AMRO Group - Stock Option | 15-3-2019   | 21,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9600     |      | 2            | 0             | 45 22-10-2018      |
| O                | ABN                       | ABN AMRO Group - Stock Option | 15-3-2019   | 21,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8100     |      | 0            | 293           | 22-10-2018         |
| O                | ABN                       | ABN AMRO Group - Stock Option | 15-3-2019   | 22,0000        | C                 | EUR               | 1,5100 | 1,5100 | 1,3700 | 4           | 1,3700 | 1,3500     |      | 1            | 53            | 554 22-10-2018     |
| O                | ABN                       | ABN AMRO Group - Stock Option | 15-3-2019   | 22,0000        | P                 | EUR               | 0,9900 | 1,1600 | 0,9900 | 6           | 1,1600 | 1,1900     |      | 1            | 21            | 1157 22-10-2018    |
| O                | ABN                       | ABN AMRO Group - Stock Option | 15-3-2019   | 23,0000        | C                 | EUR               | 1,0300 | 1,0300 | 1,0100 | 3           | 1,0100 | 0,8700     |      | 1            | 3             | 918 22-10-2018     |
| O                | ABN                       | ABN AMRO Group - Stock Option | 15-3-2019   | 23,0000        | P                 | EUR               | 1,4500 | 1,4500 | 1,4500 | 10          | 1,4500 | 1,7100     |      | 2            | 200           | 2078 22-10-2018    |
| O                | ABN                       | ABN AMRO Group - Stock Option | 15-3-2019   | 24,0000        | C                 | EUR               | 0,6500 | 0,6500 | 0,5900 | 3           | 0,5900 | 0,5300     |      | 1            | 94            | 828 22-10-2018     |
| O                | ABN                       | ABN AMRO Group - Stock Option | 15-3-2019   | 24,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3800     |      | 2            | 0             | 857 22-10-2018     |
| O                | ABN                       | ABN AMRO Group - Stock Option | 15-3-2019   | 25,0000        | C                 | EUR               | 0,3900 | 0,3900 | 0,3500 | 3           | 0,3500 | 0,3200     |      | 0            | 27            | 697 22-10-2018     |
| O                | ABN                       | ABN AMRO Group - Stock Option | 15-3-2019   | 25,0000        | P                 | EUR               | 3,1600 | 3,1600 | 3,1600 | 1           | 3,1600 | 3,1700     |      | 3            | 1             | 532 22-10-2018     |
| O                | ABN                       | ABN AMRO Group - Stock Option | 15-3-2019   | 26,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1900     |      | 0            | 0             | 647 22-10-2018     |
| O                | ABN                       | ABN AMRO Group - Stock Option | 15-3-2019   | 26,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,0500     |      | 4            | 0             | 233 22-10-2018     |
| O                | ABN                       | ABN AMRO Group - Stock Option | 15-3-2019   | 27,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     |      | 0            | 0             | 127 22-10-2018     |
| O                | ABN                       | ABN AMRO Group - Stock Option | 15-3-2019   | 27,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,9800     |      | 5            | 0             | 132 22-10-2018     |
| O                | ABN                       | ABN AMRO Group - Stock Option | 15-3-2019   | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     |      | 0            | 0             | 82 22-10-2018      |
| O                | ABN                       | ABN AMRO Group - Stock Option | 15-3-2019   | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,9400     |      | 6            | 0             | 42 22-10-2018      |
| O                | ABN                       | ABN AMRO Group - Stock Option | 15-3-2019   | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     |      | 0            | 0             | 0 22-10-2018       |
| O                | ABN                       | ABN AMRO Group - Stock Option | 15-3-2019   | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,8900     |      | 8            | 0             | 0 22-10-2018       |
| O                | ABN                       | ABN AMRO Group - Stock Option | 15-3-2019   | 35,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 0             | 0 22-10-2018       |
| O                | ABN                       | ABN AMRO Group - Stock Option | 15-3-2019   | 35,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,8900    |      | 13           | 0             | 0 22-10-2018       |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-6-2019   | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,2400     |      | 8            | 0             | 0 22-10-2018       |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-6-2019   | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1400     |      | 0            | 0             | 36 22-10-2018      |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-6-2019   | 16,0000        | C                 | EUR               | 6,5500 | 6,5500 | 6,4500 | 5           | 6,4500 | 6,3100     |      | 6            | 45            | 78 22-10-2018      |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-6-2019   | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2600     |      | 0            | 0             | 100 22-10-2018     |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-6-2019   | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,4900     |      | 4            | 0             | 111 22-10-2018     |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-6-2019   | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5100     |      | 1            | 0             | 1624 22-10-2018    |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-6-2019   | 19,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,6300     |      | 4            | 0             | 74 22-10-2018      |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-6-2019   | 19,0000        | P                 | EUR               | 0,6600 | 0,6600 | 0,6600 | 1           | 0,6600 | 0,7100     |      | 1            | 6             | 1052 22-10-2018    |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-6-2019   | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8400     |      | 3            | 0             | 249 22-10-2018     |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-6-2019   | 20,0000        | P                 | EUR               | 0,9300 | 0,9300 | 0,9300 | 1           | 0,9300 | 1,0000     |      | 1            | 6             | 1713 22-10-2018    |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-6-2019   | 21,0000        | C                 | EUR               | 2,4700 | 2,4700 | 2,4700 | 1           | 2,4700 | 2,1400     |      | 2            | 1             | 273 22-10-2018     |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-6-2019   | 21,0000        | P                 | EUR               | 1,2700 | 1,3000 | 1,2700 | 2           | 1,3000 | 1,3800     |      | 1            | 42            | 294 22-10-2018     |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-6-2019   | 22,0000        | C                 | EUR               | 1,8200 | 1,8200 | 1,6100 | 16          | 1,6100 | 1,5400     |      | 2            | 543           | 1054 22-10-2018    |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-6-2019   | 22,0000        | P                 | EUR               | 1,6000 | 1,8400 | 1,6000 | 4           | 1,8400 | 1,8700     |      | 2            | 32            | 1712 22-10-2018    |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-6-2019   | 23,0000        | C                 | EUR               | 1,2900 | 1,2900 | 1,1200 | 6           | 1,1200 | 1,0800     |      | 1            | 90            | 1074 22-10-2018    |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-6-2019   | 23,0000        | P                 | EUR               | 2,3400 | 2,3400 | 2,3400 | 1           | 2,3400 | 2,4700     |      | 2            | 10            | 872 22-10-2018     |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-6-2019   | 24,0000        | C                 | EUR               | 0,8000 | 0,8000 | 0,8000 | 1           | 0,8000 | 0,7300     |      | 1            | 1             | 930 22-10-2018     |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-6-2019   | 24,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1900     |      | 3            | 0             | 841 22-10-2018     |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-6-2019   | 25,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4900     |      | 0            | 0             | 659 22-10-2018     |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-6-2019   | 25,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9900     |      | 4            | 0             | 786 22-10-2018     |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-6-2019   | 26,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3200     |      | 0            | 0             | 537 22-10-2018     |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-6-2019   | 26,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,8500     |      | 5            | 0             | 377 22-10-2018     |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-6-2019   | 27,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2200     |      | 0            | 0             | 763 22-10-2018     |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-6-2019   | 27,0000        | P                 | EUR               | 5,6000 | 5,7500 | 5,6000 | 4           | 5,7500 | 5,7700     |      | 6            | 55            | 219 22-10-2018     |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-6-2019   | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1600     |      | 0            | 0             | 1342 22-10-2018    |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-6-2019   | 28,0000        | P                 | EUR               | 6,3500 | 6,6000 | 6,3500 | 9           | 6,5500 | 6,7100     |      | 7            | 200           | 442 22-10-2018     |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-6-2019   | 29,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     |      | 0            | 0             | 400 22-10-2018     |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-6-2019   | 29,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,6700     |      | 8            | 0             | 348 22-10-2018     |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-6-2019   | 30,0000        | C                 | EUR               | 0,0800 | 0,0800 | 0,0800 | 2           | 0,0800 | 0,0900     |      | 0            | 70            | 642 22-10-2018     |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-6-2019   | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,6500     |      | 9            | 0             | 355 22-10-2018     |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-6-2019   | 32,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     |      | 0            | 0             | 33 22-10-2018      |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-6-2019   | 32,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,6200    |      | 11           | 0             | 95 22-10-2018      |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-6-2019   | 35,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 0             | 46 22-10-2018      |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-6-2019   | 35,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,6100    |      | 14           | 0             | 45 22-10-2018      |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-6-2019   | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 35 22-10-2018      |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-6-2019   | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,6100    |      | 19           | 0             | 70 22-10-2018      |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-6-2019   | 45,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0 22-10-2018       |
| O                | ABN                       | ABN AMRO Group - Stock Option | 21-6-2019   | 45,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 23,6200    |      | 24           | 0             | 218 22-10-2018     |
| O                | ABN                       | ABN AMRO Group - Stock Option | 20-9-2019   | 16,0000        | C                 | EUR               | 6,6000 | 6,6000 | 6,6000 | 2           | 6,6000 | 6,3100     |      | 6            | 35            | 35 22-10-2018      |
| O                | ABN                       | ABN AMRO Group - Stock Option | 20-9-2019   | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4300     |      | 0            | 0             | 0 22-10-2018       |
| O                | ABN                       | ABN AMRO Group - Stock Option | 20-9-2019   | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,4800     |      | 4            | 0             | 45 22-10-2018      |
| O                | ABN                       | ABN AMRO Group - Stock Option | 20-9-2019   | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8100     |      | 1            | 0             | 3 22-10-2018       |
| O                | ABN                       | ABN AMRO Group - Stock Option | 20-9-2019   | 20,0000        | C                 | EUR               | 3,1100 | 3,1100 | 3,1100 | 1           | 3,1100 | 2,8800     |      | 3            | 1             | 71 22-10-2018      |
| O                | ABN                       | ABN AMRO Group - Stock Option | 20-9-2019   | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4600     |      | 1            | 0             | 13 22-10-2018      |
| O                | ABN                       | ABN AMRO Group - Stock Option |             |                |                   |                   |        |        |        |             |        |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name               | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|-------------------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | ABN                       | ABN AMRO Group - Stock Option | 20-9-2019   | 26,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4100     | 0    | 0            | 56            | 22-10-2018         |
| O                | ABN                       | ABN AMRO Group - Stock Option | 20-9-2019   | 26,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,5100     | 6    | 0            | 25            | 22-10-2018         |
| O                | ABN                       | ABN AMRO Group - Stock Option | 20-9-2019   | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2000     | 0    | 0            | 0             | 22-10-2018         |
| O                | ABN                       | ABN AMRO Group - Stock Option | 20-9-2019   | 28,0000        | P                 | EUR               | 7,1500 | 7,1500 | 7,1500 | 1           | 7,1500 | 7,3600     | 7    | 6            | 17            | 22-10-2018         |
| O                | ABN                       | ABN AMRO Group - Stock Option | 20-9-2019   | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     | 0    | 0            | 0             | 22-10-2018         |
| O                | ABN                       | ABN AMRO Group - Stock Option | 20-9-2019   | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,3100     | 9    | 0            | 30            | 22-10-2018         |
| O                | ABN                       | ABN AMRO Group - Stock Option | 20-12-2019  | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,2400     | 8    | 0            | 0             | 22-10-2018         |
| O                | ABN                       | ABN AMRO Group - Stock Option | 20-12-2019  | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3000     | 0    | 0            | 173           | 22-10-2018         |
| O                | ABN                       | ABN AMRO Group - Stock Option | 20-12-2019  | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,3900     | 6    | 0            | 6             | 22-10-2018         |
| O                | ABN                       | ABN AMRO Group - Stock Option | 20-12-2019  | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5500     | 1    | 0            | 80            | 22-10-2018         |
| O                | ABN                       | ABN AMRO Group - Stock Option | 20-12-2019  | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,5200     | 5    | 0            | 53            | 22-10-2018         |
| O                | ABN                       | ABN AMRO Group - Stock Option | 20-12-2019  | 18,0000        | P                 | EUR               | 0,9000 | 0,9000 | 0,9000 | 1           | 0,9000 | 0,9800     | 1    | 1            | 1466          | 22-10-2018         |
| O                | ABN                       | ABN AMRO Group - Stock Option | 20-12-2019  | 19,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,7000     | 4    | 0            | 151           | 22-10-2018         |
| O                | ABN                       | ABN AMRO Group - Stock Option | 20-12-2019  | 19,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2900     | 1    | 0            | 100           | 22-10-2018         |
| O                | ABN                       | ABN AMRO Group - Stock Option | 20-12-2019  | 20,0000        | C                 | EUR               | 3,1500 | 3,1500 | 3,1500 | 2           | 3,1500 | 2,9700     | 3    | 10           | 658           | 22-10-2018         |
| O                | ABN                       | ABN AMRO Group - Stock Option | 20-12-2019  | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6800     | 2    | 0            | 614           | 22-10-2018         |
| O                | ABN                       | ABN AMRO Group - Stock Option | 20-12-2019  | 21,0000        | C                 | EUR               | 2,5500 | 2,5500 | 2,3300 | 2           | 2,3300 | 2,3200     | 2    | 7            | 176           | 22-10-2018         |
| O                | ABN                       | ABN AMRO Group - Stock Option | 20-12-2019  | 21,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1500     | 2    | 0            | 267           | 22-10-2018         |
| O                | ABN                       | ABN AMRO Group - Stock Option | 20-12-2019  | 22,0000        | C                 | EUR               | 1,8500 | 1,8500 | 1,8500 | 1           | 1,8500 | 1,7500     | 2    | 2            | 1938          | 22-10-2018         |
| O                | ABN                       | ABN AMRO Group - Stock Option | 20-12-2019  | 22,0000        | P                 | EUR               | 2,5700 | 2,7100 | 2,5700 | 12          | 2,7000 | 2,7100     | 3    | 454          | 1275          | 22-10-2018         |
| O                | ABN                       | ABN AMRO Group - Stock Option | 20-12-2019  | 23,0000        | C                 | EUR               | 1,4300 | 1,4300 | 1,3900 | 3           | 1,3900 | 1,3100     | 1    | 62           | 733           | 22-10-2018         |
| O                | ABN                       | ABN AMRO Group - Stock Option | 20-12-2019  | 23,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3300     | 3    | 0            | 2215          | 22-10-2018         |
| O                | ABN                       | ABN AMRO Group - Stock Option | 20-12-2019  | 24,0000        | C                 | EUR               | 1,1000 | 1,1100 | 1,1000 | 9           | 1,1000 | 0,9600     | 1    | 140          | 1848          | 22-10-2018         |
| O                | ABN                       | ABN AMRO Group - Stock Option | 20-12-2019  | 24,0000        | P                 | EUR               | 3,8500 | 3,8500 | 3,8500 | 1           | 3,8500 | 4,0500     | 4    | 2            | 435           | 22-10-2018         |
| O                | ABN                       | ABN AMRO Group - Stock Option | 20-12-2019  | 25,0000        | C                 | EUR               | 0,7600 | 0,7600 | 0,7500 | 2           | 0,7500 | 0,7100     | 1    | 3            | 1172          | 22-10-2018         |
| O                | ABN                       | ABN AMRO Group - Stock Option | 20-12-2019  | 25,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,8300     | 5    | 0            | 418           | 22-10-2018         |
| O                | ABN                       | ABN AMRO Group - Stock Option | 20-12-2019  | 26,0000        | C                 | EUR               | 0,6000 | 0,6000 | 0,5400 | 2           | 0,5400 | 0,5100     | 1    | 8            | 2374          | 22-10-2018         |
| O                | ABN                       | ABN AMRO Group - Stock Option | 20-12-2019  | 26,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,6600     | 6    | 0            | 2272          | 22-10-2018         |
| O                | ABN                       | ABN AMRO Group - Stock Option | 20-12-2019  | 27,0000        | C                 | EUR               | 0,4000 | 0,4000 | 0,4000 | 1           | 0,4000 | 0,3900     | 0    | 2            | 478           | 22-10-2018         |
| O                | ABN                       | ABN AMRO Group - Stock Option | 20-12-2019  | 27,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,5600     | 7    | 0            | 167           | 22-10-2018         |
| O                | ABN                       | ABN AMRO Group - Stock Option | 20-12-2019  | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2800     | 0    | 0            | 502           | 22-10-2018         |
| O                | ABN                       | ABN AMRO Group - Stock Option | 20-12-2019  | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,4600     | 7    | 0            | 471           | 22-10-2018         |
| O                | ABN                       | ABN AMRO Group - Stock Option | 20-12-2019  | 29,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2100     | 0    | 0            | 109           | 22-10-2018         |
| O                | ABN                       | ABN AMRO Group - Stock Option | 20-12-2019  | 29,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,4400     | 8    | 0            | 5             | 22-10-2018         |
| O                | ABN                       | ABN AMRO Group - Stock Option | 20-12-2019  | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1700     | 0    | 0            | 130           | 22-10-2018         |
| O                | ABN                       | ABN AMRO Group - Stock Option | 20-12-2019  | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,3600     | 9    | 0            | 6             | 22-10-2018         |
| O                | ABN                       | ABN AMRO Group - Stock Option | 20-12-2019  | 32,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     | 0    | 0            | 648           | 22-10-2018         |
| O                | ABN                       | ABN AMRO Group - Stock Option | 20-12-2019  | 32,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,3000    | 11   | 0            | 30            | 22-10-2018         |
| O                | ABN                       | ABN AMRO Group - Stock Option | 20-12-2019  | 35,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     | 0    | 0            | 243           | 22-10-2018         |
| O                | ABN                       | ABN AMRO Group - Stock Option | 20-12-2019  | 35,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,2500    | 14   | 0            | 58            | 22-10-2018         |
| O                | ABN                       | ABN AMRO Group - Stock Option | 20-12-2019  | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     | 0    | 0            | 0             | 22-10-2018         |
| O                | ABN                       | ABN AMRO Group - Stock Option | 20-12-2019  | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 19,2300    | 19   | 0            | 0             | 22-10-2018         |
| O                | ABN                       | ABN AMRO Group - Stock Option | 20-12-2019  | 45,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     | 0    | 0            | 0             | 22-10-2018         |
| O                | ABN                       | ABN AMRO Group - Stock Option | 20-12-2019  | 45,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 24,2500    | 24   | 0            | 10            | 22-10-2018         |
| O                | ABN                       | ABN AMRO Group - Stock Option | 19-6-2020   | 13,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,2100     | 9    | 0            | 13            | 22-10-2018         |
| O                | ABN                       | ABN AMRO Group - Stock Option | 19-6-2020   | 13,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3600     | 0    | 0            | 10            | 22-10-2018         |
| O                | ABN                       | ABN AMRO Group - Stock Option | 19-6-2020   | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,2100     | 8    | 0            | 0             | 22-10-2018         |
| O                | ABN                       | ABN AMRO Group - Stock Option | 19-6-2020   | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4900     | 0    | 0            | 0             | 22-10-2018         |
| O                | ABN                       | ABN AMRO Group - Stock Option | 19-6-2020   | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,2600     | 7    | 0            | 5             | 22-10-2018         |
| O                | ABN                       | ABN AMRO Group - Stock Option | 19-6-2020   | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6400     | 1    | 0            | 9             | 22-10-2018         |
| O                | ABN                       | ABN AMRO Group - Stock Option | 19-6-2020   | 18,0000        | C                 | EUR               | 4,5800 | 4,5800 | 4,5800 | 1           | 4,5800 | 4,5800     | 5    | 3            | 100           | 22-10-2018         |
| O                | ABN                       | ABN AMRO Group - Stock Option | 19-6-2020   | 18,0000        | P                 | EUR               | 1,3500 | 1,3500 | 1,3500 | 1           | 1,3500 | 1,4200     | 1    | 1            | 132           | 22-10-2018         |
| O                | ABN                       | ABN AMRO Group - Stock Option | 19-6-2020   | 20,0000        | C                 | EUR               | 3,2000 | 3,2000 | 3,2000 | 1           | 3,2000 | 3,0500     | 3    | 2            | 125           | 22-10-2018         |
| O                | ABN                       | ABN AMRO Group - Stock Option | 19-6-2020   | 20,0000        | P                 | EUR               | 2,1400 | 2,2600 | 2,1400 | 4           | 2,2600 | 2,2700     | 2    | 24           | 216           | 22-10-2018         |
| O                | ABN                       | ABN AMRO Group - Stock Option | 19-6-2020   | 22,0000        | C                 | EUR               | 2,0000 | 2,0000 | 2,0000 | 1           | 2,0000 | 1,9100     | 2    | 5            | 300           | 22-10-2018         |
| O                | ABN                       | ABN AMRO Group - Stock Option | 19-6-2020   | 22,0000        | P                 | EUR               | 3,4000 | 3,4100 | 3,4000 | 2           | 3,4100 | 3,4200     | 3    | 20           | 242           | 22-10-2018         |
| O                | ABN                       | ABN AMRO Group - Stock Option | 19-6-2020   | 24,0000        | C                 | EUR               | 1,1500 | 1,1600 | 1,1500 | 2           | 1,1600 | 1,1400     | 1    | 12           | 284           | 22-10-2018         |
| O                | ABN                       | ABN AMRO Group - Stock Option | 19-6-2020   | 24,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,8100     | 5    | 0            | 53            | 22-10-2018         |
| O                | ABN                       | ABN AMRO Group - Stock Option | 19-6-2020   | 25,0000        | C                 | EUR               | 0,8700 | 0,8700 | 0,8700 | 1           | 0,8700 | 0,8800     | 1    | 7            | 195           | 22-10-2018         |
| O                | ABN                       | ABN AMRO Group - Stock Option | 19-6-2020   | 25,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,5900     | 6    | 0            | 83            | 22-10-2018         |
| O                | ABN                       | ABN AMRO Group - Stock Option | 19-6-2020   | 26,0000        | C                 | EUR               | 0,7200 | 0,7200 | 0,7200 | 1           | 0,7200 | 0,6700     | 1    | 2            | 73            | 22-10-2018         |
| O                | ABN                       | ABN AMRO Group - Stock Option | 19-6-2020   | 26,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,4400     | 6    | 0            | 31            | 22-10-2018         |
| O                | ABN                       | ABN AMRO Group - Stock Option | 19-6-2020   | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3900     | 0    | 0            | 12            | 22-10-2018         |
| O                | ABN                       | ABN AMRO Group - Stock Option | 19-6-2020   | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,1900     | 8    | 0            | 20            | 22-10-2018         |
| O                | ABN                       | ABN AMRO Group - Stock Option | 19-6-2020   | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2600     | 0    | 0            | 2524          | 22-10-2018         |
| O                | ABN                       | ABN AMRO Group - Stock Option | 19-6-2020   | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,0600    | 10   | 0            | 2537          | 22-10-2018         |
| O                | ACC                       | Accell Group NV - Stnd Option | 16-11-2018  | 12,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8800     | 4    | 0            | 0             | 22-10-2018         |
| O                | ACC                       | Accell Group NV - Stnd Option | 16-11-2018  | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | ACC                       | Accell Group NV - Stnd Option | 16-11-2018  | 13,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8800     | 3    | 0            | 0             | 22-10-2018         |
| O                | ACC                       | Accell Group NV - Stnd Option | 16-11-2018  | 13,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | ACC                       | Accell Group NV - Stnd Option | 16-11-2018  | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9200     | 2    | 0            | 100           | 22-10-2018         |
| O                | ACC                       | Accell Group NV - Stnd Option | 16-11-2018  | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 0             | 22-10-2018         |
| O                | ACC                       | Accell Group NV - Stnd Option | 16-11-2018  | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0500     | 1    | 0            | 50            | 22-10-2018         |
| O                | ACC                       | Accell Group NV - Stnd Option | 16-11-2018  | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1700     | 0    | 0            | 23            | 22-10-2018         |
| O                | ACC                       | Accell Group NV - Stnd Option | 16-11-2018  | 15,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6800     | 1    | 0            | 0             | 22-10-2018         |



| Instrument Type* | Instrument Trading Symbol | Instrument Name               | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|-------------------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | ACC                       | Accell Group NV - Stnd Option | 16-11-2018  | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2300     |      | 2            | 0             | 133 22-10-2018     |
| O                | ACC                       | Accell Group NV - Stnd Option | 16-11-2018  | 18,5000        | C                 | EUR               | 0,1200 | 0,1200 | 0,1100 | 2           | 0,1100 | 0,0600     |      | 0            | 21            | 87 22-10-2018      |
| O                | ACC                       | Accell Group NV - Stnd Option | 16-11-2018  | 18,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6900     |      | 3            | 0             | 50 22-10-2018      |
| O                | ACC                       | Accell Group NV - Stnd Option | 16-11-2018  | 19,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     |      | 0            | 596           | 22-10-2018         |
| O                | ACC                       | Accell Group NV - Stnd Option | 16-11-2018  | 19,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1600     |      | 3            | 0             | 77 22-10-2018      |
| O                | ACC                       | Accell Group NV - Stnd Option | 16-11-2018  | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 268           | 22-10-2018         |
| O                | ACC                       | Accell Group NV - Stnd Option | 16-11-2018  | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,1400     |      | 4            | 0             | 21 22-10-2018      |
| O                | ACC                       | Accell Group NV - Stnd Option | 16-11-2018  | 21,0000        | C                 | EUR               | 0,0700 | 0,0700 | 0,0700 | 4           | 0,0700 | 0,0100     |      | 0            | 200 537       | 22-10-2018         |
| O                | ACC                       | Accell Group NV - Stnd Option | 16-11-2018  | 21,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,1300     |      | 5            | 0             | 70 22-10-2018      |
| O                | ACC                       | Accell Group NV - Stnd Option | 21-12-2018  | 12,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9200     |      | 4            | 0             | 0 22-10-2018       |
| O                | ACC                       | Accell Group NV - Stnd Option | 21-12-2018  | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     |      | 0            | 0             | 0 22-10-2018       |
| O                | ACC                       | Accell Group NV - Stnd Option | 21-12-2018  | 13,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9600     |      | 3            | 0             | 0 22-10-2018       |
| O                | ACC                       | Accell Group NV - Stnd Option | 21-12-2018  | 13,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     |      | 0            | 36            | 22-10-2018         |
| O                | ACC                       | Accell Group NV - Stnd Option | 21-12-2018  | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0200     |      | 2            | 0             | 0 22-10-2018       |
| O                | ACC                       | Accell Group NV - Stnd Option | 21-12-2018  | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1500     |      | 0            | 0             | 0 22-10-2018       |
| O                | ACC                       | Accell Group NV - Stnd Option | 21-12-2018  | 15,0000        | C                 | EUR               | 1,3000 | 1,3000 | 1,3000 | 1           | 1,3000 | 1,2000     |      | 1            | 1             | 1 22-10-2018       |
| O                | ACC                       | Accell Group NV - Stnd Option | 21-12-2018  | 15,0000        | P                 | EUR               | 0,3200 | 0,3500 | 0,3200 | 5           | 0,3500 | 0,3300     |      | 0            | 51            | 109 22-10-2018     |
| O                | ACC                       | Accell Group NV - Stnd Option | 21-12-2018  | 15,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9100     |      | 1            | 0             | 0 22-10-2018       |
| O                | ACC                       | Accell Group NV - Stnd Option | 21-12-2018  | 15,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5400     |      | 1            | 0             | 119 22-10-2018     |
| O                | ACC                       | Accell Group NV - Stnd Option | 21-12-2018  | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6600     |      | 1            | 0             | 15 22-10-2018      |
| O                | ACC                       | Accell Group NV - Stnd Option | 21-12-2018  | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7900     |      | 1            | 0             | 99 22-10-2018      |
| O                | ACC                       | Accell Group NV - Stnd Option | 21-12-2018  | 16,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4700     |      | 0            | 2             | 22-10-2018         |
| O                | ACC                       | Accell Group NV - Stnd Option | 21-12-2018  | 16,5000        | P                 | EUR               | 0,9500 | 0,9500 | 0,9500 | 1           | 0,9500 | 1,1000     |      | 1            | 2             | 51 22-10-2018      |
| O                | ACC                       | Accell Group NV - Stnd Option | 21-12-2018  | 17,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3400     |      | 0            | 43            | 22-10-2018         |
| O                | ACC                       | Accell Group NV - Stnd Option | 21-12-2018  | 17,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4700     |      | 1            | 0             | 465 22-10-2018     |
| O                | ACC                       | Accell Group NV - Stnd Option | 21-12-2018  | 17,5000        | C                 | EUR               | 0,2500 | 0,2500 | 0,2500 | 1           | 0,2500 | 0,2600     |      | 0            | 1             | 379 22-10-2018     |
| O                | ACC                       | Accell Group NV - Stnd Option | 21-12-2018  | 17,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8900     |      | 2            | 0             | 14 22-10-2018      |
| O                | ACC                       | Accell Group NV - Stnd Option | 21-12-2018  | 18,0000        | C                 | EUR               | 0,2100 | 0,2200 | 0,2100 | 7           | 0,2100 | 0,2100     |      | 0            | 41            | 1670 22-10-2018    |
| O                | ACC                       | Accell Group NV - Stnd Option | 21-12-2018  | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3400     |      | 2            | 0             | 27 22-10-2018      |
| O                | ACC                       | Accell Group NV - Stnd Option | 21-12-2018  | 19,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1500     |      | 0            | 264           | 22-10-2018         |
| O                | ACC                       | Accell Group NV - Stnd Option | 21-12-2018  | 19,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2800     |      | 3            | 0             | 5 22-10-2018       |
| O                | ACC                       | Accell Group NV - Stnd Option | 21-12-2018  | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     |      | 0            | 27            | 22-10-2018         |
| O                | ACC                       | Accell Group NV - Stnd Option | 21-12-2018  | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,2500     |      | 4            | 0             | 14 22-10-2018      |
| O                | ACC                       | Accell Group NV - Stnd Option | 21-12-2018  | 21,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1000     |      | 0            | 28            | 22-10-2018         |
| O                | ACC                       | Accell Group NV - Stnd Option | 21-12-2018  | 21,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,2300     |      | 5            | 0             | 18 22-10-2018      |
| O                | ACC                       | Accell Group NV - Stnd Option | 18-1-2019   | 13,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0200     |      | 3            | 0             | 0 22-10-2018       |
| O                | ACC                       | Accell Group NV - Stnd Option | 18-1-2019   | 13,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1500     |      | 0            | 0             | 22-10-2018         |
| O                | ACC                       | Accell Group NV - Stnd Option | 18-1-2019   | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1300     |      | 2            | 0             | 0 22-10-2018       |
| O                | ACC                       | Accell Group NV - Stnd Option | 18-1-2019   | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2600     |      | 0            | 0             | 22-10-2018         |
| O                | ACC                       | Accell Group NV - Stnd Option | 18-1-2019   | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3700     |      | 1            | 0             | 0 22-10-2018       |
| O                | ACC                       | Accell Group NV - Stnd Option | 18-1-2019   | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5000     |      | 1            | 0             | 0 22-10-2018       |
| O                | ACC                       | Accell Group NV - Stnd Option | 18-1-2019   | 15,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0600     |      | 1            | 0             | 0 22-10-2018       |
| O                | ACC                       | Accell Group NV - Stnd Option | 18-1-2019   | 15,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7000     |      | 1            | 0             | 0 22-10-2018       |
| O                | ACC                       | Accell Group NV - Stnd Option | 18-1-2019   | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8100     |      | 1            | 0             | 0 22-10-2018       |
| O                | ACC                       | Accell Group NV - Stnd Option | 18-1-2019   | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9500     |      | 1            | 0             | 0 22-10-2018       |
| O                | ACC                       | Accell Group NV - Stnd Option | 18-1-2019   | 16,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6200     |      | 1            | 0             | 0 22-10-2018       |
| O                | ACC                       | Accell Group NV - Stnd Option | 18-1-2019   | 16,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2600     |      | 1            | 0             | 0 22-10-2018       |
| O                | ACC                       | Accell Group NV - Stnd Option | 18-1-2019   | 17,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4800     |      | 0            | 0             | 0 22-10-2018       |
| O                | ACC                       | Accell Group NV - Stnd Option | 18-1-2019   | 17,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6200     |      | 2            | 0             | 0 22-10-2018       |
| O                | ACC                       | Accell Group NV - Stnd Option | 18-1-2019   | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3300     |      | 0            | 0             | 0 22-10-2018       |
| O                | ACC                       | Accell Group NV - Stnd Option | 18-1-2019   | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4700     |      | 2            | 0             | 0 22-10-2018       |
| O                | ACC                       | Accell Group NV - Stnd Option | 18-1-2019   | 19,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2700     |      | 0            | 0             | 0 22-10-2018       |
| O                | ACC                       | Accell Group NV - Stnd Option | 18-1-2019   | 19,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4100     |      | 3            | 0             | 0 22-10-2018       |
| F                | AD6                       | Adidas AG - Stock Future      | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 200,8450   |      | 201          | 0             | 0 22-10-2018       |
| F                | AD6                       | Adidas AG - Stock Future      | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 200,7679   |      | 201          | 0             | 0 22-10-2018       |
| F                | AD6                       | Adidas AG - Stock Future      | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 200,7064   |      | 201          | 0             | 0 22-10-2018       |
| F                | AD6                       | Adidas AG - Stock Future      | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 200,6386   |      | 201          | 0             | 0 22-10-2018       |
| F                | AD6                       | Adidas AG - Stock Future      | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 197,9619   |      | 198          | 0             | 0 22-10-2018       |
| F                | AD6                       | Adidas AG - Stock Future      | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 197,7991   |      | 198          | 0             | 0 22-10-2018       |
| F                | AD8                       | Adidas - Dividend Future      | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6000     |      | 3            | 0             | 2 22-10-2018       |
| F                | AD8                       | Adidas - Dividend Future      | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1000     |      | 3            | 0             | 8 22-10-2018       |
| F                | AD8                       | Adidas - Dividend Future      | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4500     |      | 3            | 0             | 0 22-10-2018       |
| F                | AD8                       | Adidas - Dividend Future      | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,2500     |      | 4            | 0             | 0 22-10-2018       |
| F                | AD8                       | Adidas - Dividend Future      | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,6000     |      | 5            | 0             | 0 22-10-2018       |
| O                | ADQ                       | Adidas - Stock Option         | 16-11-2018  | 170,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 31,1600    |      | 31           | 0             | 0 22-10-2018       |
| O                | ADQ                       | Adidas - Stock Option         | 16-11-2018  | 170,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2900     |      | 0            | 0             | 0 22-10-2018       |
| O                | ADQ                       | Adidas - Stock Option         | 16-11-2018  | 180,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,9500    |      | 22           | 0             | 0 22-10-2018       |
| O                | ADQ                       | Adidas - Stock Option         | 16-11-2018  | 180,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0900     |      | 1            | 0             | 0 22-10-2018       |
| O                | ADQ                       | Adidas - Stock Option         | 16-11-2018  | 185,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,5900    |      | 18           | 0             | 0 22-10-2018       |
| O                | ADQ                       | Adidas - Stock Option         | 16-11-2018  | 185,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7400     |      | 2            | 0             | 0 22-10-2018       |
| O                | ADQ                       | Adidas - Stock Option         | 16-11-2018  | 190,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,6200    |      | 14           | 0             | 0 22-10-2018       |
| O                | ADQ                       | Adidas - Stock Option         | 16-11-2018  | 190,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7700     |      | 3            | 0             | 0 22-10-2018       |
| O                | ADQ                       | Adidas - Stock Option         | 16-11-2018  | 192,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,1700    |      | 12           | 0             | 0 22-10-2018       |
| O                | ADQ                       | Adidas - Stock Option         | 16-11-2018  | 192,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3200     |      | 3            | 0             | 0 22-10-2018       |
| O                | ADQ                       | Adidas - Stock Option         | 16-11-2018  | 194,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,7200    |      | 11           | 0             | 0 22-10-2018       |
| O                | ADQ                       | Adidas - Stock Option         | 16-11-2018  | 194,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8700     |      | 4            | 0             | 0 22-10-2018       |
| O                | ADQ                       | Adidas - Stock Option         |             |                |                   |                   |        |        |        |             |        |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name       | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|-----------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | ADQ                       | Adidas - Stock Option | 16-11-2018  | 202,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,1800     | 7    | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 16-11-2018  | 204,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,1700     | 5    | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 16-11-2018  | 204,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,3300     | 8    | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 16-11-2018  | 206,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,3400     | 4    | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 16-11-2018  | 206,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,5000     | 10   | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 16-11-2018  | 208,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,6600     | 4    | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 16-11-2018  | 208,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,8200    | 11   | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 16-11-2018  | 210,0000       | C                 | EUR               | 3,3000 | 3,3000 | 3,3000 | 1           | 3,3000 | 3,0100     | 3    | 1            | 1             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 16-11-2018  | 210,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,1700    | 12   | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 16-11-2018  | 212,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4700     | 2    | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 16-11-2018  | 212,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,6200    | 14   | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 16-11-2018  | 214,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0400     | 2    | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 16-11-2018  | 214,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,2000    | 15   | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 16-11-2018  | 215,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8600     | 2    | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 16-11-2018  | 215,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,0200    | 16   | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 16-11-2018  | 216,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6500     | 2    | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 16-11-2018  | 216,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,8100    | 17   | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 16-11-2018  | 218,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3600     | 1    | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 16-11-2018  | 218,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,5200    | 19   | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 16-11-2018  | 220,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1000     | 1    | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 16-11-2018  | 220,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 20,2600    | 20   | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 16-11-2018  | 225,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6400     | 1    | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 16-11-2018  | 225,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 24,8000    | 25   | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 16-11-2018  | 230,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3700     | 0    | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 16-11-2018  | 230,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 29,5400    | 30   | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 16-11-2018  | 240,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     | 0    | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 16-11-2018  | 240,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 39,2900    | 39   | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 21-12-2018  | 100,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 100,9000   | 101  | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 21-12-2018  | 100,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 21-12-2018  | 130,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 70,9500    | 71   | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 21-12-2018  | 130,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     | 0    | 2            | 2             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 21-12-2018  | 140,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 61,0700    | 61   | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 21-12-2018  | 140,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2200     | 0    | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 21-12-2018  | 150,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 51,2800    | 51   | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 21-12-2018  | 150,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4500     | 0    | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 21-12-2018  | 155,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 46,4400    | 46   | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 21-12-2018  | 155,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6100     | 1    | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 21-12-2018  | 160,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 41,6500    | 42   | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 21-12-2018  | 160,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8200     | 1    | 0            | 18            | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 21-12-2018  | 165,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 36,8900    | 37   | 0            | 1             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 21-12-2018  | 165,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0700     | 1    | 0            | 35            | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 21-12-2018  | 170,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 32,2700    | 32   | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 21-12-2018  | 170,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4600     | 1    | 0            | 3             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 21-12-2018  | 175,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 27,6500    | 28   | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 21-12-2018  | 175,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8500     | 2    | 0            | 2             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 21-12-2018  | 180,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 23,4000    | 23   | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 21-12-2018  | 180,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6000     | 3    | 0            | 13            | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 21-12-2018  | 185,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 19,4100    | 19   | 0            | 50            | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 21-12-2018  | 185,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,6200     | 4    | 0            | 50            | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 21-12-2018  | 190,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,7500    | 16   | 0            | 1             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 21-12-2018  | 190,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,9700     | 5    | 0            | 152           | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 21-12-2018  | 192,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,3800    | 14   | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 21-12-2018  | 192,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,6000     | 6    | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 21-12-2018  | 194,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,0800    | 13   | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 21-12-2018  | 194,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,3000     | 6    | 0            | 1             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 21-12-2018  | 195,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,4200    | 12   | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 21-12-2018  | 195,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,6400     | 7    | 0            | 3             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 21-12-2018  | 196,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,8200    | 12   | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 21-12-2018  | 196,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,0400     | 7    | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 21-12-2018  | 198,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,7200    | 11   | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 21-12-2018  | 198,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,9400     | 8    | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 21-12-2018  | 200,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,6200     | 10   | 0            | 63            | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 21-12-2018  | 200,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,8400    | 9    | 0            | 2             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 21-12-2018  | 202,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,6100     | 9    | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 21-12-2018  | 202,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,8300     | 10   | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 21-12-2018  | 204,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,7200     | 8    | 0            | 1             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 21-12-2018  | 204,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,9400    | 11   | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 21-12-2018  | 205,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,2600     | 7    | 0            | 3             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 21-12-2018  | 205,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,4900    | 11   | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 21-12-2018  | 206,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,8200     | 7    | 0            | 1             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 21-12-2018  | 206,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,0500    | 12   | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 21-12-2018  | 208,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,0900     | 6    | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 21-12-2018  | 208,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,3200    | 13   | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 21-12-2018  | 210,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,3700     | 5    | 0            | 8             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 21-12-2018  | 210,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,6000    | 15   | 0            | 3             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 21-12-2018  | 212,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,7200     | 5    | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Ad                    |             |                |                   |                   |        |        |        |             |        |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name       | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |            |
|------------------|---------------------------|-----------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|------------|
| O                | ADQ                       | Adidas - Stock Option | 21-12-2018  | 220,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7500     |      | 3            | 0             | 22                 | 22-10-2018 |
| O                | ADQ                       | Adidas - Stock Option | 21-12-2018  | 220,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,9900    |      | 22           | 0             | 0                  | 22-10-2018 |
| O                | ADQ                       | Adidas - Stock Option | 21-12-2018  | 225,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9600     |      | 2            | 0             | 32                 | 22-10-2018 |
| O                | ADQ                       | Adidas - Stock Option | 21-12-2018  | 225,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 26,2100    |      | 26           | 0             | 0                  | 22-10-2018 |
| O                | ADQ                       | Adidas - Stock Option | 21-12-2018  | 230,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3700     |      | 1            | 0             | 2                  | 22-10-2018 |
| O                | ADQ                       | Adidas - Stock Option | 21-12-2018  | 230,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 30,6200    |      | 31           | 0             | 0                  | 22-10-2018 |
| O                | ADQ                       | Adidas - Stock Option | 21-12-2018  | 240,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5900     |      | 1            | 0             | 20                 | 22-10-2018 |
| O                | ADQ                       | Adidas - Stock Option | 21-12-2018  | 240,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 39,8500    |      | 40           | 0             | 0                  | 22-10-2018 |
| O                | ADQ                       | Adidas - Stock Option | 21-12-2018  | 250,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2600     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | ADQ                       | Adidas - Stock Option | 21-12-2018  | 250,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 49,5200    |      | 50           | 0             | 0                  | 22-10-2018 |
| O                | ADQ                       | Adidas - Stock Option | 21-12-2018  | 260,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1000     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | ADQ                       | Adidas - Stock Option | 21-12-2018  | 260,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 59,3700    |      | 59           | 0             | 0                  | 22-10-2018 |
| O                | ADQ                       | Adidas - Stock Option | 21-12-2018  | 280,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | ADQ                       | Adidas - Stock Option | 21-12-2018  | 280,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 79,3000    |      | 79           | 0             | 0                  | 22-10-2018 |
| O                | ADQ                       | Adidas - Stock Option | 21-12-2018  | 300,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | ADQ                       | Adidas - Stock Option | 21-12-2018  | 300,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 99,3000    |      | 99           | 0             | 0                  | 22-10-2018 |
| O                | ADQ                       | Adidas - Stock Option | 18-1-2019   | 180,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 24,1400    |      | 24           | 0             | 0                  | 22-10-2018 |
| O                | ADQ                       | Adidas - Stock Option | 18-1-2019   | 180,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3900     |      | 3            | 0             | 0                  | 22-10-2018 |
| O                | ADQ                       | Adidas - Stock Option | 18-1-2019   | 190,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,6300    |      | 17           | 0             | 0                  | 22-10-2018 |
| O                | ADQ                       | Adidas - Stock Option | 18-1-2019   | 190,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,9000     |      | 6            | 0             | 0                  | 22-10-2018 |
| O                | ADQ                       | Adidas - Stock Option | 18-1-2019   | 195,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,4200    |      | 13           | 0             | 0                  | 22-10-2018 |
| O                | ADQ                       | Adidas - Stock Option | 18-1-2019   | 195,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,6900     |      | 8            | 0             | 0                  | 22-10-2018 |
| O                | ADQ                       | Adidas - Stock Option | 18-1-2019   | 200,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,7100    |      | 11           | 0             | 0                  | 22-10-2018 |
| O                | ADQ                       | Adidas - Stock Option | 18-1-2019   | 200,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,9900     |      | 10           | 0             | 0                  | 22-10-2018 |
| O                | ADQ                       | Adidas - Stock Option | 18-1-2019   | 202,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,7400     |      | 10           | 0             | 0                  | 22-10-2018 |
| O                | ADQ                       | Adidas - Stock Option | 18-1-2019   | 202,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,0200    |      | 11           | 0             | 0                  | 22-10-2018 |
| O                | ADQ                       | Adidas - Stock Option | 18-1-2019   | 204,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,7900     |      | 9            | 0             | 0                  | 22-10-2018 |
| O                | ADQ                       | Adidas - Stock Option | 18-1-2019   | 204,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,0800    |      | 12           | 0             | 0                  | 22-10-2018 |
| O                | ADQ                       | Adidas - Stock Option | 18-1-2019   | 206,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,9300     |      | 8            | 0             | 0                  | 22-10-2018 |
| O                | ADQ                       | Adidas - Stock Option | 18-1-2019   | 206,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,2200    |      | 13           | 0             | 0                  | 22-10-2018 |
| O                | ADQ                       | Adidas - Stock Option | 18-1-2019   | 208,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,1300     |      | 7            | 0             | 0                  | 22-10-2018 |
| O                | ADQ                       | Adidas - Stock Option | 18-1-2019   | 208,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,4200    |      | 14           | 0             | 0                  | 22-10-2018 |
| O                | ADQ                       | Adidas - Stock Option | 18-1-2019   | 210,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,4300     |      | 6            | 0             | 0                  | 22-10-2018 |
| O                | ADQ                       | Adidas - Stock Option | 18-1-2019   | 210,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,7300    |      | 16           | 0             | 0                  | 22-10-2018 |
| O                | ADQ                       | Adidas - Stock Option | 18-1-2019   | 215,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,8500     |      | 5            | 0             | 0                  | 22-10-2018 |
| O                | ADQ                       | Adidas - Stock Option | 18-1-2019   | 215,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 19,1500    |      | 19           | 0             | 0                  | 22-10-2018 |
| O                | ADQ                       | Adidas - Stock Option | 18-1-2019   | 220,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5900     |      | 4            | 0             | 0                  | 22-10-2018 |
| O                | ADQ                       | Adidas - Stock Option | 18-1-2019   | 220,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,9000    |      | 23           | 0             | 0                  | 22-10-2018 |
| O                | ADQ                       | Adidas - Stock Option | 15-3-2019   | 140,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 61,0300    |      | 61           | 0             | 0                  | 22-10-2018 |
| O                | ADQ                       | Adidas - Stock Option | 15-3-2019   | 140,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2200     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | ADQ                       | Adidas - Stock Option | 15-3-2019   | 150,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 51,4100    |      | 51           | 0             | 0                  | 22-10-2018 |
| O                | ADQ                       | Adidas - Stock Option | 15-3-2019   | 150,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6300     |      | 1            | 0             | 0                  | 22-10-2018 |
| O                | ADQ                       | Adidas - Stock Option | 15-3-2019   | 160,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 42,2400    |      | 42           | 0             | 0                  | 22-10-2018 |
| O                | ADQ                       | Adidas - Stock Option | 15-3-2019   | 160,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4900     |      | 1            | 0             | 0                  | 22-10-2018 |
| O                | ADQ                       | Adidas - Stock Option | 15-3-2019   | 170,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 33,7600    |      | 34           | 0             | 0                  | 22-10-2018 |
| O                | ADQ                       | Adidas - Stock Option | 15-3-2019   | 170,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0400     |      | 3            | 0             | 0                  | 22-10-2018 |
| O                | ADQ                       | Adidas - Stock Option | 15-3-2019   | 175,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 29,8800    |      | 30           | 0             | 0                  | 22-10-2018 |
| O                | ADQ                       | Adidas - Stock Option | 15-3-2019   | 175,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,1800     |      | 4            | 0             | 2                  | 22-10-2018 |
| O                | ADQ                       | Adidas - Stock Option | 15-3-2019   | 180,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 26,2200    |      | 26           | 0             | 0                  | 22-10-2018 |
| O                | ADQ                       | Adidas - Stock Option | 15-3-2019   | 180,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,5300     |      | 6            | 0             | 75                 | 22-10-2018 |
| O                | ADQ                       | Adidas - Stock Option | 15-3-2019   | 185,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,6900    |      | 23           | 0             | 1                  | 22-10-2018 |
| O                | ADQ                       | Adidas - Stock Option | 15-3-2019   | 185,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,0000     |      | 7            | 0             | 0                  | 22-10-2018 |
| O                | ADQ                       | Adidas - Stock Option | 15-3-2019   | 190,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 19,3000    |      | 19           | 0             | 0                  | 22-10-2018 |
| O                | ADQ                       | Adidas - Stock Option | 15-3-2019   | 190,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,6300     |      | 9            | 0             | 1                  | 22-10-2018 |
| O                | ADQ                       | Adidas - Stock Option | 15-3-2019   | 195,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,2000    |      | 16           | 0             | 0                  | 22-10-2018 |
| O                | ADQ                       | Adidas - Stock Option | 15-3-2019   | 195,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,5400    |      | 11           | 0             | 0                  | 22-10-2018 |
| O                | ADQ                       | Adidas - Stock Option | 15-3-2019   | 200,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,4700    |      | 13           | 0             | 2                  | 22-10-2018 |
| O                | ADQ                       | Adidas - Stock Option | 15-3-2019   | 200,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,8200    |      | 13           | 0             | 0                  | 22-10-2018 |
| O                | ADQ                       | Adidas - Stock Option | 15-3-2019   | 205,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,1800    |      | 11           | 0             | 0                  | 22-10-2018 |
| O                | ADQ                       | Adidas - Stock Option | 15-3-2019   | 205,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,5400    |      | 16           | 0             | 0                  | 22-10-2018 |
| O                | ADQ                       | Adidas - Stock Option | 15-3-2019   | 210,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,1800     |      | 9            | 0             | 4                  | 22-10-2018 |
| O                | ADQ                       | Adidas - Stock Option | 15-3-2019   | 210,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,5500    |      | 19           | 0             | 0                  | 22-10-2018 |
| O                | ADQ                       | Adidas - Stock Option | 15-3-2019   | 215,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,4800     |      | 7            | 0             | 63                 | 22-10-2018 |
| O                | ADQ                       | Adidas - Stock Option | 15-3-2019   | 215,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,8600    |      | 22           | 0             | 0                  | 22-10-2018 |
| O                | ADQ                       | Adidas - Stock Option | 15-3-2019   | 220,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,0300     |      | 6            | 0             | 41                 | 22-10-2018 |
| O                | ADQ                       | Adidas - Stock Option | 15-3-2019   | 220,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 25,4100    |      | 25           | 0             | 0                  | 22-10-2018 |
| O                | ADQ                       | Adidas - Stock Option | 15-3-2019   | 225,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,7800     |      | 5            | 0             | 0                  | 22-10-2018 |
| O                | ADQ                       | Adidas - Stock Option | 15-3-2019   | 225,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 29,1700    |      | 29           | 0             | 0                  | 22-10-2018 |
| O                | ADQ                       | Adidas - Stock Option | 15-3-2019   | 230,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8700     |      | 4            | 0             | 0                  | 22-10-2018 |
| O                | ADQ                       | Adidas - Stock Option | 15-3-2019   | 230,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 33,2700    |      | 33           | 0             | 0                  | 22-10-2018 |
| O                | ADQ                       | Adidas - Stock Option | 15-3-2019   | 240,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4000     |      | 2            | 0             | 9                  | 22-10-2018 |
| O                | ADQ                       | Adidas - Stock Option | 15-3-2019   | 240,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 41,8200    |      | 42           | 0             | 0                  | 22-10-2018 |
| O                | ADQ                       | Adidas - Stock Option | 15-3-2019   | 260,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8600     |      | 1            | 0             | 0                  | 22-10-2018 |
| O                | ADQ                       | Adidas - Stock Option | 15-3-2019   | 260,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 60,2900    |      | 60           | 0             | 0                  | 22-10-2018 |
| O                | ADQ                       | Adidas - Stock Option | 21-6-2019   | 100,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,00   |             |        |            |      |              |               |                    |            |



| Instrument Type* | Instrument Trading Symbol | Instrument Name       | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|-----------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | ADQ                       | Adidas - Stock Option | 21-6-2019   | 175,0000       | P                 | EUR               | 7,5500 | 7,5500 | 7,5500 | 1           | 7,5500 | 7,5100     | 8    | 1            | 1             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 21-6-2019   | 180,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 28,1200    | 28   | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 21-6-2019   | 180,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,9900     | 9    | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 21-6-2019   | 185,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 24,4300    | 24   | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 21-6-2019   | 185,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,4300    | 10   | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 21-6-2019   | 190,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,2400    | 21   | 0            | 3             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 21-6-2019   | 190,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,3900    | 12   | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 21-6-2019   | 195,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 19,0400    | 19   | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 21-6-2019   | 195,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,3400    | 15   | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 21-6-2019   | 200,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,3800    | 16   | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 21-6-2019   | 200,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,8100    | 18   | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 21-6-2019   | 205,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,5700    | 14   | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 21-6-2019   | 205,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 20,0900    | 20   | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 21-6-2019   | 210,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,5300    | 12   | 0            | 1             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 21-6-2019   | 210,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 23,1700    | 23   | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 21-6-2019   | 215,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,2000    | 10   | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 21-6-2019   | 215,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 26,9200    | 27   | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 21-6-2019   | 220,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,5700     | 9    | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 21-6-2019   | 220,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 30,3700    | 30   | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 21-6-2019   | 225,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,2400     | 7    | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 21-6-2019   | 225,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 34,1100    | 34   | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 21-6-2019   | 230,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,0900     | 6    | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 21-6-2019   | 230,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 38,0200    | 38   | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 21-6-2019   | 240,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9300     | 4    | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 21-6-2019   | 240,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 45,9500    | 46   | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 21-6-2019   | 250,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6500     | 3    | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 21-6-2019   | 250,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 54,7400    | 55   | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 21-6-2019   | 260,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7500     | 2    | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 21-6-2019   | 260,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 63,8900    | 64   | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 21-6-2019   | 300,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3100     | 0    | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 21-6-2019   | 300,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 102,5700   | 103  | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 20-9-2019   | 160,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 44,3700    | 44   | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 20-9-2019   | 160,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,2600     | 5    | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 20-9-2019   | 170,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 36,5200    | 37   | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 20-9-2019   | 170,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,7400     | 8    | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 20-9-2019   | 180,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 29,4600    | 29   | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 20-9-2019   | 180,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,9600    | 11   | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 20-9-2019   | 185,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 26,2400    | 26   | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 20-9-2019   | 185,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,8700    | 13   | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 20-9-2019   | 190,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 23,2700    | 23   | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 20-9-2019   | 190,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,0100    | 15   | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 20-9-2019   | 195,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 20,8800    | 21   | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 20-9-2019   | 195,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,7300    | 18   | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 20-9-2019   | 200,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,6100    | 19   | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 20-9-2019   | 200,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 20,5500    | 21   | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 20-9-2019   | 205,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,1800    | 16   | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 20-9-2019   | 205,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 23,1900    | 23   | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 20-9-2019   | 210,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,6600    | 14   | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 20-9-2019   | 210,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 25,7300    | 26   | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 20-9-2019   | 215,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,8900    | 12   | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 20-9-2019   | 215,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 29,0200    | 29   | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 20-9-2019   | 220,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,6500    | 11   | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 20-9-2019   | 220,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 32,8100    | 33   | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 20-9-2019   | 225,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,1900     | 9    | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 20-9-2019   | 225,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 36,4000    | 36   | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 20-9-2019   | 230,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,9900     | 8    | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 20-9-2019   | 230,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 40,2300    | 40   | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 20-9-2019   | 240,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,6600     | 6    | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 20-9-2019   | 240,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 47,9500    | 48   | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 20-9-2019   | 260,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0300     | 3    | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 20-9-2019   | 260,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 65,4100    | 65   | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 20-12-2019  | 100,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 100,9200   | 101  | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 20-12-2019  | 100,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3800     | 0    | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 20-12-2019  | 120,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 81,2400    | 81   | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 20-12-2019  | 120,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2200     | 1    | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 20-12-2019  | 140,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 62,4100    | 62   | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 20-12-2019  | 140,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0500     | 3    | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 20-12-2019  | 150,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 53,5600    | 54   | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 20-12-2019  | 150,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,5400     | 5    | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 20-12-2019  | 160,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 45,8800    | 46   | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 20-12-2019  | 160,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,2600     | 7    | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 20-12-2019  | 170,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 37,6200    | 38   | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 20-12-2019  | 170,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,2100     | 9    | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 20-12-2019  | 180,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 31,5500    | 32   | 0            | 2             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 20-12-2019  | 180,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,3900    | 13   | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 20-12-2019  | 190,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 24,7100    | 25   | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 20-12-2019  | 190,0000       |                   |                   |        |        |        |             |        |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name       | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|-----------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | ADQ                       | Adidas - Stock Option | 20-12-2019  | 230,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,2300     |      | 9            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 20-12-2019  | 230,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 41,5900    |      | 42           | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 20-12-2019  | 240,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,8900     |      | 8            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 20-12-2019  | 240,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 50,2900    |      | 50           | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 20-12-2019  | 250,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,5500     |      | 6            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 20-12-2019  | 250,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 57,9900    |      | 58           | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 20-12-2019  | 300,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3900     |      | 1            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 20-12-2019  | 300,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 104,0100   |      | 104          | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 19-6-2020   | 100,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 100,9000   |      | 101          | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 19-6-2020   | 100,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4800     |      | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 19-6-2020   | 120,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 81,2300    |      | 81           | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 19-6-2020   | 120,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9000     |      | 2            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 19-6-2020   | 140,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 63,1200    |      | 63           | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 19-6-2020   | 140,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,1100     |      | 5            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 19-6-2020   | 150,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 54,9600    |      | 55           | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 19-6-2020   | 150,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,5500     |      | 8            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 19-6-2020   | 160,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 47,3400    |      | 47           | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 19-6-2020   | 160,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,4100    |      | 10           | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 19-6-2020   | 170,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 40,1000    |      | 40           | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 19-6-2020   | 170,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,5400    |      | 14           | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 19-6-2020   | 180,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 33,4000    |      | 33           | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 19-6-2020   | 180,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,1400    |      | 17           | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 19-6-2020   | 190,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 27,5900    |      | 28           | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 19-6-2020   | 190,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,6400    |      | 22           | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 19-6-2020   | 195,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 24,9000    |      | 25           | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 19-6-2020   | 195,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 24,0600    |      | 24           | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 19-6-2020   | 200,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,6000    |      | 23           | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 19-6-2020   | 200,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 26,9300    |      | 27           | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 19-6-2020   | 210,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,2800    |      | 18           | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 19-6-2020   | 210,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 32,8100    |      | 33           | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 19-6-2020   | 220,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,7300    |      | 15           | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 19-6-2020   | 220,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 39,4300    |      | 39           | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 19-6-2020   | 230,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,8500    |      | 12           | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 19-6-2020   | 230,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 46,7200    |      | 47           | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 19-6-2020   | 240,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,5300     |      | 10           | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 19-6-2020   | 240,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 54,5500    |      | 55           | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 19-6-2020   | 250,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,8800     |      | 8            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 19-6-2020   | 250,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 63,0000    |      | 63           | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 19-6-2020   | 300,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7700     |      | 3            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 19-6-2020   | 300,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 108,3000   |      | 108          | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 18-12-2020  | 100,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 100,9200   |      | 101          | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 18-12-2020  | 100,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9900     |      | 1            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 18-12-2020  | 120,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 81,6100    |      | 82           | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 18-12-2020  | 120,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1200     |      | 3            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 18-12-2020  | 140,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 64,1700    |      | 64           | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 18-12-2020  | 140,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,0400     |      | 7            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 18-12-2020  | 150,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 56,1900    |      | 56           | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 18-12-2020  | 150,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,5300     |      | 10           | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 18-12-2020  | 160,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 48,8000    |      | 49           | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 18-12-2020  | 160,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,5500    |      | 13           | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 18-12-2020  | 170,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 41,9800    |      | 42           | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 18-12-2020  | 170,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,0300    |      | 16           | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 18-12-2020  | 180,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 35,7000    |      | 36           | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 18-12-2020  | 180,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 19,9900    |      | 20           | 5             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 18-12-2020  | 190,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 30,3400    |      | 30           | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 18-12-2020  | 190,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 24,8400    |      | 25           | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 18-12-2020  | 200,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 25,5200    |      | 26           | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 18-12-2020  | 200,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 30,1800    |      | 30           | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 18-12-2020  | 210,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,2400    |      | 21           | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 18-12-2020  | 210,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 36,0300    |      | 36           | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 18-12-2020  | 220,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,8200    |      | 18           | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 18-12-2020  | 220,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 42,7300    |      | 43           | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 18-12-2020  | 230,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,7700    |      | 15           | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 18-12-2020  | 230,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 49,7700    |      | 50           | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 18-12-2020  | 240,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,3100    |      | 12           | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 18-12-2020  | 240,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 57,4000    |      | 57           | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 18-12-2020  | 250,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,2500    |      | 10           | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 18-12-2020  | 250,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 65,4000    |      | 65           | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 18-12-2020  | 300,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,2900     |      | 4            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 18-12-2020  | 300,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 109,7000   |      | 110          | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 18-6-2021   | 120,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 81,8800    |      | 82           | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 18-6-2021   | 120,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,6400     |      | 5            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 18-6-2021   | 140,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 65,1000    |      | 65           | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 18-6-2021   | 140,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,5700     |      | 10           | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 18-6-2021   | 160,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 50,3000    |      | 50           | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 18-6-2021   | 160,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,7400    |      | 16           | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option | 18-6-2021   | 170,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 43,7800    |      | 44           | 0             | 22-10-2018         |



| Instrument Type* | Instrument Trading Symbol | Instrument Name           | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open    | High    | Low     | Trade Count | Close   | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|---------------------------|-------------|----------------|-------------------|-------------------|---------|---------|---------|-------------|---------|------------|------|--------------|---------------|--------------------|
| O                | ADQ                       | Adidas - Stock Option     | 18-6-2021   | 210,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 40,4900    | 40   | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option     | 18-6-2021   | 220,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 20,1400    | 20   | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option     | 18-6-2021   | 220,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 47,2900    | 47   | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option     | 18-6-2021   | 230,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 17,0300    | 17   | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option     | 18-6-2021   | 230,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 54,3100    | 54   | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option     | 18-6-2021   | 240,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 14,5400    | 15   | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option     | 18-6-2021   | 240,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 61,9700    | 62   | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option     | 18-6-2021   | 250,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,2900    | 12   | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option     | 18-6-2021   | 250,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 69,8300    | 70   | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option     | 18-6-2021   | 300,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,7500     | 6    | 0            | 0             | 22-10-2018         |
| O                | ADQ                       | Adidas - Stock Option     | 18-6-2021   | 300,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 113,7000   | 114  | 0            | 0             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 16-11-2018  | 460,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 162,6600   | 163  | 0            | 0             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 16-11-2018  | 460,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,4400     | 0    | 0            | 0             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 16-11-2018  | 480,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 143,2000   | 143  | 0            | 0             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 16-11-2018  | 480,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,9900     | 1    | 0            | 0             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 16-11-2018  | 500,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 124,2400   | 124  | 0            | 0             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 16-11-2018  | 500,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,0400     | 2    | 0            | 0             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 16-11-2018  | 520,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 106,1100   | 106  | 0            | 10            | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 16-11-2018  | 520,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,9200     | 4    | 0            | 8             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 16-11-2018  | 540,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 88,8000    | 89   | 0            | 0             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 16-11-2018  | 540,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,6300     | 7    | 0            | 0             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 16-11-2018  | 560,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 72,2400    | 72   | 0            | 23            | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 16-11-2018  | 560,0000       | P                 | EUR               | 10,0000 | 10,0000 | 10,0000 | 1           | 10,0000 | 10,0700    | 10   | 5            | 16            | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 16-11-2018  | 580,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 56,9800    | 57   | 0            | 3             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 16-11-2018  | 580,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 14,8200    | 15   | 0            | 12            | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 16-11-2018  | 600,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 43,5100    | 44   | 0            | 6             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 16-11-2018  | 600,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 21,3700    | 21   | 0            | 16            | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 16-11-2018  | 620,0000       | C                 | EUR               | 29,0000 | 29,0000 | 29,0000 | 1           | 29,0000 | 32,0300    | 32   | 1            | 1             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 16-11-2018  | 620,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 29,8900    | 30   | 0            | 0             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 16-11-2018  | 640,0000       | C                 | EUR               | 21,0000 | 21,0000 | 21,0000 | 1           | 21,0000 | 22,7500    | 23   | 10           | 11            | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 16-11-2018  | 640,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 40,6200    | 41   | 0            | 5             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 16-11-2018  | 660,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 15,6700    | 16   | 0            | 0             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 16-11-2018  | 660,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 53,5500    | 54   | 0            | 0             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 16-11-2018  | 680,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,3800    | 10   | 0            | 3             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 16-11-2018  | 680,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 68,2600    | 68   | 0            | 0             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 16-11-2018  | 700,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,8000     | 7    | 0            | 6             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 16-11-2018  | 700,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 84,6900    | 85   | 0            | 0             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 16-11-2018  | 720,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,3100     | 4    | 0            | 3             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 16-11-2018  | 720,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 102,2100   | 102  | 0            | 0             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 16-11-2018  | 740,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,8800     | 3    | 0            | 5             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 16-11-2018  | 740,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 120,7900   | 121  | 0            | 0             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 16-11-2018  | 760,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,8400     | 2    | 0            | 7             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 16-11-2018  | 760,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 139,7500   | 140  | 0            | 0             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 16-11-2018  | 800,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,7500     | 1    | 0            | 11            | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 16-11-2018  | 800,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 178,6700   | 179  | 0            | 0             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 16-11-2018  | 840,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3000     | 0    | 0            | 0             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 16-11-2018  | 840,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 218,2300   | 218  | 0            | 0             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 16-11-2018  | 880,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1000     | 0    | 0            | 0             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 16-11-2018  | 880,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 258,0400   | 258  | 0            | 0             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 21-12-2018  | 400,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 223,5500   | 224  | 0            | 0             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 21-12-2018  | 400,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,4200     | 1    | 0            | 10            | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 21-12-2018  | 450,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 176,7600   | 177  | 0            | 0             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 21-12-2018  | 450,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,6900     | 5    | 0            | 10            | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 21-12-2018  | 460,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 167,7300   | 168  | 0            | 0             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 21-12-2018  | 460,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,6700     | 6    | 0            | 0             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 21-12-2018  | 480,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 149,9100   | 150  | 0            | 0             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 21-12-2018  | 480,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,8700     | 8    | 0            | 1             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 21-12-2018  | 500,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 132,2800   | 132  | 0            | 0             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 21-12-2018  | 500,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,2600    | 10   | 0            | 2             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 21-12-2018  | 520,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 115,7600   | 116  | 0            | 0             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 21-12-2018  | 520,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 13,7600    | 14   | 0            | 5             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 21-12-2018  | 540,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 100,2800   | 100  | 0            | 0             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 21-12-2018  | 540,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 18,3000    | 18   | 0            | 0             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 21-12-2018  | 550,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 92,9900    | 93   | 0            | 2             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 21-12-2018  | 550,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 21,0200    | 21   | 0            | 12            | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 21-12-2018  | 560,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 86,1600    | 86   | 0            | 0             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 21-12-2018  | 560,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 24,1900    | 24   | 0            | 0             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 21-12-2018  | 580,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 72,4800    | 72   | 0            | 0             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 21-12-2018  | 580,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 30,5400    | 31   | 0            | 4             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 21-12-2018  | 600,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 60,6000    | 61   | 0            | 7             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 21-12-2018  | 600,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 38,6800    | 39   | 0            | 59            | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 21-12-2018  | 620,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 50,4000    | 50   | 0            | 1             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 21-12-2018  | 620,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 48,4900    | 48   | 0            | 0             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 21-12-2018  | 640,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 40,9800    | 41   | 0            | 10            | 22-10-2018         |



| Instrument Type* | Instrument Trading Symbol | Instrument Name           | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open    | High    | Low     | Trade Count | Close   | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|---------------------------|-------------|----------------|-------------------|-------------------|---------|---------|---------|-------------|---------|------------|------|--------------|---------------|--------------------|
| O                | ADY                       | Adyen (10) - Stock Option | 21-12-2018  | 740,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,2100    | 12   | 0            | 0             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 21-12-2018  | 740,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 130,3900   | 130  | 0            | 0             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 21-12-2018  | 750,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,6100    | 11   | 0            | 1             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 21-12-2018  | 750,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 138,8000   | 139  | 0            | 0             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 21-12-2018  | 800,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,4200     | 5    | 0            | 1             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 21-12-2018  | 800,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 183,6500   | 184  | 0            | 5             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 21-12-2018  | 850,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,5300     | 4    | 0            | 3             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 21-12-2018  | 850,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 231,7900   | 232  | 0            | 0             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 21-12-2018  | 900,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,1100     | 2    | 0            | 10            | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 21-12-2018  | 900,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 280,4000   | 280  | 0            | 0             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 21-12-2018  | 1000,0000      | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,9400     | 1    | 0            | 0             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 21-12-2018  | 1000,0000      | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 379,3000   | 379  | 0            | 0             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 21-12-2018  | 1100,0000      | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,5300     | 1    | 0            | 0             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 21-12-2018  | 1100,0000      | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 478,9600   | 479  | 0            | 0             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 18-1-2019   | 500,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 137,9100   | 138  | 0            | 0             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 18-1-2019   | 500,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 16,0400    | 16   | 0            | 0             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 18-1-2019   | 520,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 122,4200   | 122  | 0            | 0             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 18-1-2019   | 520,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 20,5600    | 21   | 0            | 0             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 18-1-2019   | 560,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 94,3400    | 94   | 0            | 0             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 18-1-2019   | 560,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 32,5400    | 33   | 0            | 0             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 18-1-2019   | 600,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 70,5400    | 71   | 0            | 0             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 18-1-2019   | 600,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 48,7900    | 49   | 0            | 0             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 18-1-2019   | 620,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 59,9100    | 60   | 0            | 0             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 18-1-2019   | 620,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 58,1800    | 58   | 0            | 0             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 18-1-2019   | 640,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 50,9700    | 51   | 0            | 0             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 18-1-2019   | 640,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 69,2700    | 69   | 0            | 0             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 18-1-2019   | 680,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 35,8500    | 36   | 0            | 0             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 18-1-2019   | 680,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 94,1900    | 94   | 0            | 0             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 18-1-2019   | 720,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 24,7500    | 25   | 0            | 0             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 18-1-2019   | 720,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 123,1300   | 123  | 0            | 0             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 18-1-2019   | 760,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 16,9600    | 17   | 0            | 0             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 18-1-2019   | 760,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 155,3900   | 155  | 0            | 0             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 15-3-2019   | 350,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 275,6300   | 276  | 0            | 0             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 15-3-2019   | 350,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,6600     | 4    | 0            | 0             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 15-3-2019   | 400,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 229,6500   | 230  | 0            | 1             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 15-3-2019   | 400,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 37,7700    | 8    | 0            | 2             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 15-3-2019   | 450,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 186,1500   | 186  | 0            | 0             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 15-3-2019   | 450,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 14,3600    | 14   | 0            | 6             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 15-3-2019   | 500,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 147,0800   | 147  | 0            | 0             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 15-3-2019   | 500,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 25,3600    | 25   | 0            | 100           | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 15-3-2019   | 550,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 112,4400   | 112  | 0            | 2             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 15-3-2019   | 550,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 40,8000    | 41   | 0            | 7             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 15-3-2019   | 600,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 83,0000    | 83   | 0            | 0             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 15-3-2019   | 600,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 61,4400    | 61   | 0            | 6             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 15-3-2019   | 650,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 61,6400    | 62   | 0            | 0             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 15-3-2019   | 650,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 90,1600    | 90   | 0            | 0             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 15-3-2019   | 700,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 44,1500    | 44   | 0            | 6             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 15-3-2019   | 700,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 122,7400   | 123  | 0            | 0             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 15-3-2019   | 750,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 29,6300    | 30   | 0            | 0             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 15-3-2019   | 750,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 158,2900   | 158  | 0            | 0             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 15-3-2019   | 800,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 21,7100    | 22   | 0            | 0             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 15-3-2019   | 800,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 200,4500   | 200  | 0            | 0             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 15-3-2019   | 900,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,4700    | 10   | 0            | 3             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 15-3-2019   | 900,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 289,3400   | 289  | 0            | 0             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 15-3-2019   | 1000,0000      | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,9600     | 5    | 0            | 0             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 15-3-2019   | 1000,0000      | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 383,9700   | 384  | 0            | 0             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 15-3-2019   | 1100,0000      | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,4000     | 2    | 0            | 32            | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 15-3-2019   | 1100,0000      | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 481,5400   | 482  | 0            | 0             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 21-6-2019   | 350,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 279,0900   | 279  | 0            | 0             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 21-6-2019   | 350,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,3900     | 7    | 0            | 0             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 21-6-2019   | 400,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 235,2600   | 235  | 0            | 0             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 21-6-2019   | 400,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 13,6900    | 14   | 0            | 10            | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 21-6-2019   | 450,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 193,5300   | 194  | 0            | 0             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 21-6-2019   | 450,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 22,1000    | 22   | 0            | 0             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 21-6-2019   | 500,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 157,2200   | 157  | 0            | 0             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 21-6-2019   | 500,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 35,9200    | 36   | 0            | 3             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 21-6-2019   | 550,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 124,9100   | 125  | 0            | 0             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 21-6-2019   | 550,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 53,7400    | 54   | 0            | 1             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 21-6-2019   | 600,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 97,0100    | 97   | 0            | 3             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 21-6-2019   | 600,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 75,9600    | 76   | 0            | 0             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 21-6-2019   | 650,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 75,3700    | 75   | 0            | 6             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 21-6-2019   | 650,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 104,4500   | 104  | 0            | 5             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 21-6-2019   | 700,0000       | C                 | EUR               | 56,0000 | 56,0000 | 56,0000 | 1           | 56,0000 | 56,8900    | 57   | 1            | 1             | 22-10-2018         |
| O                | ADY                       | Adyen (10) - Stock Option | 21-6-2019   | 700,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 136,0900   | 136  | 0            |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name            | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |            |
|------------------|---------------------------|----------------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|------------|
| F                | AE6                       | Aegon NV - Stock Future    | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,3530     |      | 5            | 0             | 22-10-2018         |            |
| F                | AE6                       | Aegon NV - Stock Future    | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,2483     |      | 5            | 0             | 22-10-2018         |            |
| F                | AE6                       | Aegon NV - Stock Future    | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,1240     |      | 5            | 0             | 22-10-2018         |            |
| F                | AE8                       | Aegon NV - Dividend Future | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2800     |      | 0            | 0             | 22-10-2018         |            |
| F                | AE8                       | Aegon NV - Dividend Future | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2875     |      | 0            | 0             | 22-10-2018         |            |
| F                | AE8                       | Aegon NV - Dividend Future | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2950     |      | 0            | 0             | 22-10-2018         |            |
| F                | AE8                       | Aegon NV - Dividend Future | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3025     |      | 0            | 0             | 22-10-2018         |            |
| F                | AE8                       | Aegon NV - Dividend Future | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3025     |      | 0            | 0             | 22-10-2018         |            |
| O                | AFA                       | Air France-KLM             | 16-11-2018  | 6,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8100     |      | 2            | 0             | 22-10-2018         |            |
| O                | AFA                       | Air France-KLM             | 16-11-2018  | 6,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     |      | 0            | 6             | 22-10-2018         |            |
| O                | AFA                       | Air France-KLM             | 16-11-2018  | 6,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4500     |      | 1            | 0             | 22-10-2018         |            |
| O                | AFA                       | Air France-KLM             | 16-11-2018  | 6,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     |      | 0            | 61            | 22-10-2018         |            |
| O                | AFA                       | Air France-KLM             | 16-11-2018  | 7,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1200     |      | 1            | 0             | 22-10-2018         |            |
| O                | AFA                       | Air France-KLM             | 16-11-2018  | 7,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1800     |      | 0            | 116           | 22-10-2018         |            |
| O                | AFA                       | Air France-KLM             | 16-11-2018  | 7,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8200     |      | 1            | 0             | 22-10-2018         |            |
| O                | AFA                       | Air France-KLM             | 16-11-2018  | 7,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2800     |      | 0            | 182           | 22-10-2018         |            |
| O                | AFA                       | Air France-KLM             | 16-11-2018  | 7,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6900     |      | 1            | 0             | 22-10-2018         |            |
| O                | AFA                       | Air France-KLM             | 16-11-2018  | 7,8000         | P                 | EUR               | 0,2700 | 0,2700 | 0,2700 | 1           | 0,2700 | 0,3500     |      | 0            | 3             | 154                | 22-10-2018 |
| O                | AFA                       | Air France-KLM             | 16-11-2018  | 8,0000         | C                 | EUR               | 0,6000 | 0,6000 | 0,6000 | 1           | 0,6000 | 0,5700     |      | 1            | 2             | 97                 | 22-10-2018 |
| O                | AFA                       | Air France-KLM             | 16-11-2018  | 8,0000         | P                 | EUR               | 0,3300 | 0,3600 | 0,3300 | 2           | 0,3600 | 0,4300     |      | 0            | 5             | 84                 | 22-10-2018 |
| O                | AFA                       | Air France-KLM             | 16-11-2018  | 8,2000         | C                 | EUR               | 0,6500 | 0,7000 | 0,6000 | 3           | 0,6000 | 0,4600     |      | 0            | 7             | 17                 | 22-10-2018 |
| O                | AFA                       | Air France-KLM             | 16-11-2018  | 8,2000         | P                 | EUR               | 0,4100 | 0,4100 | 0,4100 | 1           | 0,4100 | 0,5200     |      | 1            | 2             | 31                 | 22-10-2018 |
| O                | AFA                       | Air France-KLM             | 16-11-2018  | 8,4000         | C                 | EUR               | 0,5500 | 0,5500 | 0,4700 | 2           | 0,4700 | 0,3700     |      | 0            | 17            | 292                | 22-10-2018 |
| O                | AFA                       | Air France-KLM             | 16-11-2018  | 8,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6300     |      | 1            | 0             | 86                 | 22-10-2018 |
| O                | AFA                       | Air France-KLM             | 16-11-2018  | 8,6000         | C                 | EUR               | 0,4300 | 0,4300 | 0,4100 | 3           | 0,4100 | 0,3000     |      | 0            | 140           | 129                | 22-10-2018 |
| O                | AFA                       | Air France-KLM             | 16-11-2018  | 8,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7600     |      | 1            | 0             | 139                | 22-10-2018 |
| O                | AFA                       | Air France-KLM             | 16-11-2018  | 8,8000         | C                 | EUR               | 0,3400 | 0,3400 | 0,3200 | 6           | 0,3300 | 0,2400     |      | 0            | 12            | 132                | 22-10-2018 |
| O                | AFA                       | Air France-KLM             | 16-11-2018  | 8,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9000     |      | 1            | 0             | 162                | 22-10-2018 |
| O                | AFA                       | Air France-KLM             | 16-11-2018  | 9,0000         | C                 | EUR               | 0,2900 | 0,3000 | 0,2100 | 11          | 0,2100 | 0,1900     |      | 0            | 56            | 249                | 22-10-2018 |
| O                | AFA                       | Air France-KLM             | 16-11-2018  | 9,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0500     |      | 1            | 0             | 43                 | 22-10-2018 |
| O                | AFA                       | Air France-KLM             | 16-11-2018  | 9,2000         | C                 | EUR               | 0,2100 | 0,2100 | 0,2100 | 1           | 0,2100 | 0,1500     |      | 0            | 4             | 35                 | 22-10-2018 |
| O                | AFA                       | Air France-KLM             | 16-11-2018  | 9,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2100     |      | 1            | 0             | 3                  | 22-10-2018 |
| O                | AFA                       | Air France-KLM             | 16-11-2018  | 9,4000         | C                 | EUR               | 0,1400 | 0,1400 | 0,1400 | 2           | 0,1400 | 0,1200     |      | 0            | 20            | 102                | 22-10-2018 |
| O                | AFA                       | Air France-KLM             | 16-11-2018  | 9,4000         | P                 | EUR               | 1,4000 | 1,4000 | 1,4000 | 1           | 1,4000 | 1,3800     |      | 1            | 25            | 26                 | 22-10-2018 |
| O                | AFA                       | Air France-KLM             | 16-11-2018  | 9,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     |      | 0            | 0             | 160                | 22-10-2018 |
| O                | AFA                       | Air France-KLM             | 16-11-2018  | 9,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5500     |      | 2            | 0             | 7                  | 22-10-2018 |
| O                | AFA                       | Air France-KLM             | 16-11-2018  | 10,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     |      | 0            | 0             | 164                | 22-10-2018 |
| O                | AFA                       | Air France-KLM             | 16-11-2018  | 10,0000        | P                 | EUR               | 1,7500 | 1,7500 | 1,7500 | 1           | 1,7500 | 1,9200     |      | 2            | 10            | 14                 | 22-10-2018 |
| O                | AFA                       | Air France-KLM             | 16-11-2018  | 11,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 75                 | 22-10-2018 |
| O                | AFA                       | Air France-KLM             | 16-11-2018  | 11,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8700     |      | 3            | 0             | 4                  | 22-10-2018 |
| O                | AFA                       | Air France-KLM             | 16-11-2018  | 12,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | AFA                       | Air France-KLM             | 16-11-2018  | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8600     |      | 4            | 0             | 0                  | 22-10-2018 |
| O                | AFA                       | Air France-KLM             | 21-12-2018  | 4,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,1500     |      | 4            | 0             | 9                  | 22-10-2018 |
| O                | AFA                       | Air France-KLM             | 21-12-2018  | 4,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 22                 | 22-10-2018 |
| O                | AFA                       | Air France-KLM             | 21-12-2018  | 4,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,6500     |      | 4            | 0             | 17                 | 22-10-2018 |
| O                | AFA                       | Air France-KLM             | 21-12-2018  | 4,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 20                 | 22-10-2018 |
| O                | AFA                       | Air France-KLM             | 21-12-2018  | 5,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1600     |      | 3            | 0             | 1558               | 22-10-2018 |
| O                | AFA                       | Air France-KLM             | 21-12-2018  | 5,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 0             | 512                | 22-10-2018 |
| O                | AFA                       | Air France-KLM             | 21-12-2018  | 5,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6900     |      | 3            | 0             | 0                  | 22-10-2018 |
| O                | AFA                       | Air France-KLM             | 21-12-2018  | 5,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     |      | 0            | 0             | 135                | 22-10-2018 |
| O                | AFA                       | Air France-KLM             | 21-12-2018  | 6,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2300     |      | 2            | 0             | 160                | 22-10-2018 |
| O                | AFA                       | Air France-KLM             | 21-12-2018  | 6,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1000     |      | 0            | 0             | 575                | 22-10-2018 |
| O                | AFA                       | Air France-KLM             | 21-12-2018  | 6,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7900     |      | 2            | 0             | 64                 | 22-10-2018 |
| O                | AFA                       | Air France-KLM             | 21-12-2018  | 6,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1500     |      | 0            | 0             | 999                | 22-10-2018 |
| O                | AFA                       | Air France-KLM             | 21-12-2018  | 6,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5400     |      | 2            | 0             | 0                  | 22-10-2018 |
| O                | AFA                       | Air France-KLM             | 21-12-2018  | 6,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2000     |      | 0            | 0             | 10                 | 22-10-2018 |
| O                | AFA                       | Air France-KLM             | 21-12-2018  | 7,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3800     |      | 1            | 0             | 689                | 22-10-2018 |
| O                | AFA                       | Air France-KLM             | 21-12-2018  | 7,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2400     |      | 0            | 0             | 1323               | 22-10-2018 |
| O                | AFA                       | Air France-KLM             | 21-12-2018  | 7,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2300     |      | 1            | 0             | 25                 | 22-10-2018 |
| O                | AFA                       | Air France-KLM             | 21-12-2018  | 7,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2900     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | AFA                       | Air France-KLM             | 21-12-2018  | 7,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0200     |      | 1            | 0             | 406                | 22-10-2018 |
| O                | AFA                       | Air France-KLM             | 21-12-2018  | 7,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3900     |      | 0            | 0             | 281                | 22-10-2018 |
| O                | AFA                       | Air France-KLM             | 21-12-2018  | 7,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9600     |      | 1            | 0             | 0                  | 22-10-2018 |
| O                | AFA                       | Air France-KLM             | 21-12-2018  | 7,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4200     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | AFA                       | Air France-KLM             | 21-12-2018  | 7,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8300     |      | 1            | 0             | 0                  | 22-10-2018 |
| O                | AFA                       | Air France-KLM             | 21-12-2018  | 7,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5000     |      | 1            | 0             | 1                  | 22-10-2018 |
| O                | AFA                       | Air France-KLM             | 21-12-2018  | 8,0000         | C                 | EUR               | 0,9000 | 0,9000 | 0,9000 | 1           | 0,9000 | 0,7300     |      | 1            | 4             | 776                | 22-10-2018 |
| O                | AFA                       | Air France-KLM             | 21-12-2018  | 8,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5900     |      | 1            | 0             | 884                | 22-10-2018 |
| O                | AFA                       | Air France-KLM             | 21-12-2018  | 8,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6300     |      | 1            | 0             | 14                 | 22-10-2018 |
| O                | AFA                       | Air France-KLM             | 21-12-2018  | 8,2000         | P                 | EUR               | 0,6000 | 0,6000 | 0,6000 | 1           | 0,6000 | 0,6900     |      | 1            | 1             | 73                 | 22-10-2018 |
| O                | AFA                       | Air France-KLM             | 21-12-2018  | 8,4000         | C                 | EUR               | 0,6000 | 0,6000 | 0,6000 | 1           | 0,6000 | 0,5400     |      | 1            | 4             | 66                 | 22-10-2018 |
| O                | AFA                       | Air France-KLM             | 21-12-2018  | 8,4000         | P                 | EUR               | 0,6300 | 0,6300 | 0,6300 | 1           | 0,6300 | 0,8100     |      | 1            | 1             | 73                 | 22-10-2018 |
| O                | AFA                       | Air France-KLM             | 21-12-2018  | 8,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5000     |      | 1            | 0             | 386                | 22-10-2018 |
| O                | AFA                       | Air France-KLM             | 21-12-2018  | 8,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8600     |      | 1            | 0             | 1423               | 22-10-2018 |
| O                | AFA                       | Air France-KLM             | 21-12-2018  | 8,6000         | C                 | EUR               | 0,5700 | 0,5700 | 0,5700 | 1           | 0,5700 | 0,4600     |      | 0            | 1             | 7                  | 22-10-2018 |
| O                | AFA                       | Air France-KLM             | 21-12-2018  | 8,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9300     |      | 1            | 0             | 8                  | 22-10-2018 |
| O                | AFA                       | Air France-KLM             | 21-12-2018  | 8,8000         | C                 | EUR               | 0,0000 | 0,0000 |        |             |        |            |      |              |               |                    |            |



| Instrument Type* | Instrument Trading Symbol | Instrument Name | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open    | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|-----------------|-------------|----------------|-------------------|-------------------|---------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | AFA                       | Air France-KLM  | 21-12-2018  | 10,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,0100     |      | 2            | 0             | 1216 22-10-2018    |
| O                | AFA                       | Air France-KLM  | 21-12-2018  | 11,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     |      | 0            | 0             | 1108 22-10-2018    |
| O                | AFA                       | Air France-KLM  | 21-12-2018  | 11,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,9400     |      | 3            | 0             | 361 22-10-2018     |
| O                | AFA                       | Air France-KLM  | 21-12-2018  | 12,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 0             | 872 22-10-2018     |
| O                | AFA                       | Air France-KLM  | 21-12-2018  | 12,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 3,8900     |      | 4            | 0             | 643 22-10-2018     |
| O                | AFA                       | Air France-KLM  | 21-12-2018  | 13,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 205 22-10-2018     |
| O                | AFA                       | Air France-KLM  | 21-12-2018  | 13,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 4,8800     |      | 5            | 0             | 367 22-10-2018     |
| O                | AFA                       | Air France-KLM  | 21-12-2018  | 14,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 925 22-10-2018     |
| O                | AFA                       | Air France-KLM  | 21-12-2018  | 14,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 5,8700     |      | 6            | 0             | 242 22-10-2018     |
| O                | AFA                       | Air France-KLM  | 21-12-2018  | 15,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 307 22-10-2018     |
| O                | AFA                       | Air France-KLM  | 21-12-2018  | 15,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 6,8700     |      | 7            | 0             | 247 22-10-2018     |
| O                | AFA                       | Air France-KLM  | 21-12-2018  | 16,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 523 22-10-2018     |
| O                | AFA                       | Air France-KLM  | 21-12-2018  | 16,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 7,8700     |      | 8            | 0             | 56 22-10-2018      |
| O                | AFA                       | Air France-KLM  | 21-12-2018  | 18,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 112 22-10-2018     |
| O                | AFA                       | Air France-KLM  | 21-12-2018  | 18,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 9,8700     |      | 10           | 0             | 84 22-10-2018      |
| O                | AFA                       | Air France-KLM  | 21-12-2018  | 20,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 248 22-10-2018     |
| O                | AFA                       | Air France-KLM  | 21-12-2018  | 20,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 11,8700    |      | 12           | 0             | 217 22-10-2018     |
| O                | AFA                       | Air France-KLM  | 18-1-2019   | 6,8000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,5800     |      | 2            | 0             | 0 22-10-2018       |
| O                | AFA                       | Air France-KLM  | 18-1-2019   | 6,8000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,2500     |      | 0            | 0             | 0 22-10-2018       |
| O                | AFA                       | Air France-KLM  | 18-1-2019   | 7,2000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,2900     |      | 1            | 0             | 0 22-10-2018       |
| O                | AFA                       | Air France-KLM  | 18-1-2019   | 7,2000         | P                 | EUR               | 0,3100  | 0,3100 | 0,3100 | 1           | 0,3100 | 0,3500     |      | 0            | 1             | 1 22-10-2018       |
| O                | AFA                       | Air France-KLM  | 18-1-2019   | 7,6000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,0300     |      | 1            | 0             | 0 22-10-2018       |
| O                | AFA                       | Air France-KLM  | 18-1-2019   | 7,6000         | P                 | EUR               | 0,4100  | 0,4100 | 0,4100 | 1           | 0,4100 | 0,5000     |      | 1            | 1             | 1 22-10-2018       |
| O                | AFA                       | Air France-KLM  | 18-1-2019   | 8,0000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,7900     |      | 1            | 0             | 0 22-10-2018       |
| O                | AFA                       | Air France-KLM  | 18-1-2019   | 8,0000         | P                 | EUR               | 0,6000  | 0,6000 | 0,6000 | 1           | 0,6000 | 0,6600     |      | 1            | 1             | 1 22-10-2018       |
| O                | AFA                       | Air France-KLM  | 18-1-2019   | 8,2000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,6900     |      | 1            | 0             | 0 22-10-2018       |
| O                | AFA                       | Air France-KLM  | 18-1-2019   | 8,2000         | P                 | EUR               | 0,6600  | 0,6600 | 0,6600 | 1           | 0,6600 | 0,7600     |      | 1            | 2             | 2 22-10-2018       |
| O                | AFA                       | Air France-KLM  | 18-1-2019   | 8,4000         | C                 | EUR               | 0,7200  | 0,7200 | 0,7200 | 1           | 0,7200 | 0,6100     |      | 1            | 2             | 2 22-10-2018       |
| O                | AFA                       | Air France-KLM  | 18-1-2019   | 8,4000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,8800     |      | 1            | 0             | 0 22-10-2018       |
| O                | AFA                       | Air France-KLM  | 18-1-2019   | 8,6000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,5300     |      | 1            | 0             | 0 22-10-2018       |
| O                | AFA                       | Air France-KLM  | 18-1-2019   | 8,6000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,0000     |      | 1            | 0             | 0 22-10-2018       |
| O                | AFA                       | Air France-KLM  | 18-1-2019   | 8,8000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,4500     |      | 0            | 0             | 0 22-10-2018       |
| O                | AFA                       | Air France-KLM  | 18-1-2019   | 8,8000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,1200     |      | 1            | 0             | 0 22-10-2018       |
| O                | AFA                       | Air France-KLM  | 18-1-2019   | 9,2000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,3300     |      | 0            | 0             | 0 22-10-2018       |
| O                | AFA                       | Air France-KLM  | 18-1-2019   | 9,2000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,4000     |      | 1            | 0             | 0 22-10-2018       |
| O                | AFA                       | Air France-KLM  | 18-1-2019   | 9,6000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,2500     |      | 0            | 0             | 0 22-10-2018       |
| O                | AFA                       | Air France-KLM  | 18-1-2019   | 9,6000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,7200     |      | 2            | 0             | 0 22-10-2018       |
| O                | AFA                       | Air France-KLM  | 15-3-2019   | 4,0000         | C                 | EUR               | 15,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,1600     |      | 0            | 0             | 0 22-10-2018       |
| O                | AFA                       | Air France-KLM  | 15-3-2019   | 4,0000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 0             | 3 22-10-2018       |
| O                | AFA                       | Air France-KLM  | 15-3-2019   | 4,5000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 3,6900     |      | 4            | 0             | 1 22-10-2018       |
| O                | AFA                       | Air France-KLM  | 15-3-2019   | 4,5000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     |      | 0            | 1             | 1 22-10-2018       |
| O                | AFA                       | Air France-KLM  | 15-3-2019   | 5,0000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 3,2200     |      | 3            | 0             | 74 22-10-2018      |
| O                | AFA                       | Air France-KLM  | 15-3-2019   | 5,0000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     |      | 0            | 0             | 1 22-10-2018       |
| O                | AFA                       | Air France-KLM  | 15-3-2019   | 6,0000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,3200     |      | 2            | 0             | 387 22-10-2018     |
| O                | AFA                       | Air France-KLM  | 15-3-2019   | 6,0000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,1900     |      | 0            | 0             | 180 22-10-2018     |
| O                | AFA                       | Air France-KLM  | 15-3-2019   | 6,5000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,9100     |      | 2            | 0             | 34 22-10-2018      |
| O                | AFA                       | Air France-KLM  | 15-3-2019   | 6,5000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,2800     |      | 0            | 0             | 161 22-10-2018     |
| O                | AFA                       | Air France-KLM  | 15-3-2019   | 7,0000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,5300     |      | 2            | 0             | 242 22-10-2018     |
| O                | AFA                       | Air France-KLM  | 15-3-2019   | 7,0000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,4000     |      | 0            | 0             | 253 22-10-2018     |
| O                | AFA                       | Air France-KLM  | 15-3-2019   | 7,5000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,1800     |      | 1            | 0             | 134 22-10-2018     |
| O                | AFA                       | Air France-KLM  | 15-3-2019   | 7,5000         | P                 | EUR               | 0,5000  | 0,5000 | 0,5000 | 2           | 0,5000 | 0,5600     |      | 1            | 11            | 196 22-10-2018     |
| O                | AFA                       | Air France-KLM  | 15-3-2019   | 8,0000         | C                 | EUR               | 1,0000  | 1,0500 | 1,0000 | 2           | 1,0500 | 0,9300     |      | 1            | 11            | 467 22-10-2018     |
| O                | AFA                       | Air France-KLM  | 15-3-2019   | 8,0000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,8100     |      | 1            | 0             | 275 22-10-2018     |
| O                | AFA                       | Air France-KLM  | 15-3-2019   | 8,5000         | C                 | EUR               | 0,8000  | 0,8000 | 0,8000 | 1           | 0,8000 | 0,6900     |      | 1            | 5             | 161 22-10-2018     |
| O                | AFA                       | Air France-KLM  | 15-3-2019   | 8,5000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,0700     |      | 1            | 0             | 303 22-10-2018     |
| O                | AFA                       | Air France-KLM  | 15-3-2019   | 9,0000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,5200     |      | 1            | 0             | 1318 22-10-2018    |
| O                | AFA                       | Air France-KLM  | 15-3-2019   | 9,0000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,4000     |      | 1            | 0             | 1690 22-10-2018    |
| O                | AFA                       | Air France-KLM  | 15-3-2019   | 9,5000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,3700     |      | 0            | 0             | 182 22-10-2018     |
| O                | AFA                       | Air France-KLM  | 15-3-2019   | 9,5000         | P                 | EUR               | 1,7500  | 1,7500 | 1,7500 | 1           | 1,7500 | 1,7500     |      | 2            | 1             | 299 22-10-2018     |
| O                | AFA                       | Air France-KLM  | 15-3-2019   | 10,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,2700     |      | 0            | 0             | 128 22-10-2018     |
| O                | AFA                       | Air France-KLM  | 15-3-2019   | 10,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,1500     |      | 2            | 0             | 324 22-10-2018     |
| O                | AFA                       | Air France-KLM  | 15-3-2019   | 12,0000        | C                 | EUR               | 0,0900  | 0,0900 | 0,0900 | 1           | 0,0900 | 0,0900     |      | 0            | 24            | 225 22-10-2018     |
| O                | AFA                       | Air France-KLM  | 15-3-2019   | 12,0000        | P                 | EUR               | 15,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9700     |      | 0            | 0             | 38 22-10-2018      |
| O                | AFA                       | Air France-KLM  | 15-3-2019   | 14,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 0             | 0 22-10-2018       |
| O                | AFA                       | Air France-KLM  | 15-3-2019   | 14,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 5,9100     |      | 6            | 0             | 28 22-10-2018      |
| O                | AFA                       | Air France-KLM  | 15-3-2019   | 16,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0 22-10-2018       |
| O                | AFA                       | Air France-KLM  | 15-3-2019   | 16,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 7,9000     |      | 8            | 0             | 100 22-10-2018     |
| O                | AFA                       | Air France-KLM  | 21-6-2019   | 4,5000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 3,7100     |      | 4            | 0             | 20 22-10-2018      |
| O                | AFA                       | Air France-KLM  | 21-6-2019   | 4,5000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     |      | 0            | 0             | 0 22-10-2018       |
| O                | AFA                       | Air France-KLM  | 21-6-2019   | 5,0000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 3,2500     |      | 3            | 0             | 2 22-10-2018       |
| O                | AFA                       | Air France-KLM  | 21-6-2019   | 5,0000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     |      | 0            | 0             | 31 22-10-2018      |
| O                | AFA                       | Air France-KLM  | 21-6-2019   | 6,0000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,3900     |      | 2            | 0             | 112 22-10-2018     |
| O                | AFA                       | Air France-KLM  | 21-6-2019   | 6,0000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,2700     |      | 0            | 0             | 73 22-10-2018      |
| O                | AFA                       | Air France-KLM  | 21-6-2019   | 6,5000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,0100     |      | 2            | 0             | 2 22-10-2018       |
| O                | AFA                       | Air France-KLM  | 21-6-2019   | 6,5000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,3900     |      | 0            | 0             | 100 22-10-2018     |
| O                | AFA                       | Air France-KLM  | 21-6-2019   | 7,0000         | C                 | EUR               | 1,9000  | 1,9000 | 1,7500 | 2           | 1,7500 | 1,6700     |      | 2            | 2             | 380 22-10-2018     |
| O                | AFA                       | Air France-KLM  | 21-6-2019   | 7,0000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,5600     |      | 1            | 0             | 154 22-10-2018     |
| O                | AFA                       | Air France-KLM  | 21-6-2019   | 7,5000         | C                 | EUR               | 1,3500  | 1,3500 | 1,3500 | 1           | 1,3500 | 1,3600     |      | 1            | 2             | 73 22-10-2018      |
| O                | AFA                       | Air France-K    |             |                |                   |                   |         |        |        |             |        |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|-----------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | AFA                       | Air France-KLM  | 21-6-2019   | 9,5000         | C                 | EUR               | 0,6000 | 0,6000 | 0,6000 | 1           | 0,6000 | 0,5200     | 1    | 2            | 4             | 22-10-2018         |
| O                | AFA                       | Air France-KLM  | 21-6-2019   | 9,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9200     | 2    | 0            | 60            | 22-10-2018         |
| O                | AFA                       | Air France-KLM  | 21-6-2019   | 10,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4000     | 0    | 327          | 22-10-2018    |                    |
| O                | AFA                       | Air France-KLM  | 21-6-2019   | 10,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2900     | 2    | 0            | 126           | 22-10-2018         |
| O                | AFA                       | Air France-KLM  | 21-6-2019   | 12,0000        | C                 | EUR               | 0,1600 | 0,1600 | 0,1600 | 1           | 0,1600 | 0,1500     | 0    | 30           | 957           | 22-10-2018         |
| O                | AFA                       | Air France-KLM  | 21-6-2019   | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,0500     | 4    | 0            | 201           | 22-10-2018         |
| O                | AFA                       | Air France-KLM  | 21-6-2019   | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 0            | 330           | 22-10-2018         |
| O                | AFA                       | Air France-KLM  | 21-6-2019   | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,9700     | 6    | 0            | 216           | 22-10-2018         |
| O                | AFA                       | Air France-KLM  | 21-6-2019   | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 177           | 22-10-2018         |
| O                | AFA                       | Air France-KLM  | 21-6-2019   | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,9600     | 7    | 0            | 304           | 22-10-2018         |
| O                | AFA                       | Air France-KLM  | 21-6-2019   | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 99            | 22-10-2018         |
| O                | AFA                       | Air France-KLM  | 21-6-2019   | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,9400     | 8    | 0            | 185           | 22-10-2018         |
| O                | AFA                       | Air France-KLM  | 21-6-2019   | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 138           | 22-10-2018         |
| O                | AFA                       | Air France-KLM  | 21-6-2019   | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,9300    | 12   | 0            | 796           | 22-10-2018         |
| O                | AFA                       | Air France-KLM  | 20-9-2019   | 5,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2800     | 3    | 0            | 0             | 22-10-2018         |
| O                | AFA                       | Air France-KLM  | 20-9-2019   | 5,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1700     | 0    | 0            | 0             | 22-10-2018         |
| O                | AFA                       | Air France-KLM  | 20-9-2019   | 6,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4600     | 2    | 0            | 0             | 22-10-2018         |
| O                | AFA                       | Air France-KLM  | 20-9-2019   | 6,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3600     | 0    | 5            | 22-10-2018    |                    |
| O                | AFA                       | Air France-KLM  | 20-9-2019   | 7,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7600     | 2    | 0            | 0             | 22-10-2018         |
| O                | AFA                       | Air France-KLM  | 20-9-2019   | 7,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6600     | 1    | 0            | 7             | 22-10-2018         |
| O                | AFA                       | Air France-KLM  | 20-9-2019   | 7,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4500     | 1    | 0            | 0             | 22-10-2018         |
| O                | AFA                       | Air France-KLM  | 20-9-2019   | 7,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8600     | 1    | 0            | 1             | 22-10-2018         |
| O                | AFA                       | Air France-KLM  | 20-9-2019   | 8,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2000     | 1    | 0            | 0             | 22-10-2018         |
| O                | AFA                       | Air France-KLM  | 20-9-2019   | 8,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1100     | 1    | 0            | 1             | 22-10-2018         |
| O                | AFA                       | Air France-KLM  | 20-9-2019   | 8,5000         | C                 | EUR               | 1,1000 | 1,1000 | 1,1000 | 1           | 1,1000 | 0,9900     | 1    | 3            | 4             | 22-10-2018         |
| O                | AFA                       | Air France-KLM  | 20-9-2019   | 8,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4000     | 1    | 0            | 2             | 22-10-2018         |
| O                | AFA                       | Air France-KLM  | 20-9-2019   | 9,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7900     | 1    | 0            | 4             | 22-10-2018         |
| O                | AFA                       | Air France-KLM  | 20-9-2019   | 9,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7000     | 2    | 0            | 0             | 22-10-2018         |
| O                | AFA                       | Air France-KLM  | 20-9-2019   | 9,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6200     | 1    | 0            | 10            | 22-10-2018         |
| O                | AFA                       | Air France-KLM  | 20-9-2019   | 9,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0300     | 2    | 0            | 0             | 22-10-2018         |
| O                | AFA                       | Air France-KLM  | 20-9-2019   | 12,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2100     | 0    | 0            | 28            | 22-10-2018         |
| O                | AFA                       | Air France-KLM  | 20-9-2019   | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,1300     | 4    | 0            | 0             | 22-10-2018         |
| O                | AFA                       | Air France-KLM  | 20-9-2019   | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1000     | 0    | 0            | 0             | 22-10-2018         |
| O                | AFA                       | Air France-KLM  | 20-9-2019   | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,0300     | 6    | 0            | 0             | 22-10-2018         |
| O                | AFA                       | Air France-KLM  | 20-12-2019  | 5,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3200     | 3    | 0            | 134           | 22-10-2018         |
| O                | AFA                       | Air France-KLM  | 20-12-2019  | 5,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2100     | 0    | 0            | 147           | 22-10-2018         |
| O                | AFA                       | Air France-KLM  | 20-12-2019  | 6,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5200     | 3    | 0            | 650           | 22-10-2018         |
| O                | AFA                       | Air France-KLM  | 20-12-2019  | 6,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4200     | 0    | 0            | 255           | 22-10-2018         |
| O                | AFA                       | Air France-KLM  | 20-12-2019  | 7,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8500     | 2    | 0            | 699           | 22-10-2018         |
| O                | AFA                       | Air France-KLM  | 20-12-2019  | 7,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7600     | 1    | 0            | 351           | 22-10-2018         |
| O                | AFA                       | Air France-KLM  | 20-12-2019  | 8,0000         | C                 | EUR               | 1,4000 | 1,4000 | 1,4000 | 1           | 1,4000 | 1,3000     | 1    | 1            | 882           | 22-10-2018         |
| O                | AFA                       | Air France-KLM  | 20-12-2019  | 8,0000         | P                 | EUR               | 1,1500 | 1,1500 | 1,1500 | 2           | 1,1500 | 1,2100     | 1    | 2            | 236           | 22-10-2018         |
| O                | AFA                       | Air France-KLM  | 20-12-2019  | 9,0000         | C                 | EUR               | 1,0000 | 1,0000 | 1,0000 | 1           | 1,0000 | 0,8900     | 1    | 1            | 516           | 22-10-2018         |
| O                | AFA                       | Air France-KLM  | 20-12-2019  | 9,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8100     | 2    | 0            | 80            | 22-10-2018         |
| O                | AFA                       | Air France-KLM  | 20-12-2019  | 10,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5900     | 1    | 0            | 429           | 22-10-2018         |
| O                | AFA                       | Air France-KLM  | 20-12-2019  | 10,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5100     | 3    | 0            | 530           | 22-10-2018         |
| O                | AFA                       | Air France-KLM  | 20-12-2019  | 12,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2700     | 0    | 0            | 1017          | 22-10-2018         |
| O                | AFA                       | Air France-KLM  | 20-12-2019  | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,2000     | 4    | 0            | 250           | 22-10-2018         |
| O                | AFA                       | Air France-KLM  | 20-12-2019  | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     | 0    | 0            | 155           | 22-10-2018         |
| O                | AFA                       | Air France-KLM  | 20-12-2019  | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,0600     | 6    | 0            | 116           | 22-10-2018         |
| O                | AFA                       | Air France-KLM  | 20-12-2019  | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     | 0    | 0            | 161           | 22-10-2018         |
| O                | AFA                       | Air France-KLM  | 20-12-2019  | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,0100     | 8    | 0            | 92            | 22-10-2018         |
| O                | AFA                       | Air France-KLM  | 20-12-2019  | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 1022          | 22-10-2018         |
| O                | AFA                       | Air France-KLM  | 20-12-2019  | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,9700    | 12   | 0            | 379           | 22-10-2018         |
| O                | AFA                       | Air France-KLM  | 19-6-2020   | 5,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3900     | 3    | 0            | 46            | 22-10-2018         |
| O                | AFA                       | Air France-KLM  | 19-6-2020   | 5,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2900     | 0    | 0            | 45            | 22-10-2018         |
| O                | AFA                       | Air France-KLM  | 19-6-2020   | 6,0000         | C                 | EUR               | 2,8500 | 2,8500 | 2,8500 | 1           | 2,8500 | 2,6500     | 3    | 1            | 37            | 22-10-2018         |
| O                | AFA                       | Air France-KLM  | 19-6-2020   | 6,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5500     | 1    | 0            | 30            | 22-10-2018         |
| O                | AFA                       | Air France-KLM  | 19-6-2020   | 7,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9900     | 2    | 0            | 77            | 22-10-2018         |
| O                | AFA                       | Air France-KLM  | 19-6-2020   | 7,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9100     | 1    | 0            | 96            | 22-10-2018         |
| O                | AFA                       | Air France-KLM  | 19-6-2020   | 8,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4600     | 1    | 0            | 91            | 22-10-2018         |
| O                | AFA                       | Air France-KLM  | 19-6-2020   | 8,0000         | P                 | EUR               | 1,3000 | 1,3000 | 1,3000 | 1           | 1,3000 | 1,3800     | 1    | 1            | 80            | 22-10-2018         |
| O                | AFA                       | Air France-KLM  | 19-6-2020   | 9,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0700     | 1    | 0            | 551           | 22-10-2018         |
| O                | AFA                       | Air France-KLM  | 19-6-2020   | 9,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9900     | 2    | 0            | 54            | 22-10-2018         |
| O                | AFA                       | Air France-KLM  | 19-6-2020   | 10,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7700     | 1    | 0            | 154           | 22-10-2018         |
| O                | AFA                       | Air France-KLM  | 19-6-2020   | 10,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7000     | 3    | 0            | 38            | 22-10-2018         |
| O                | AFA                       | Air France-KLM  | 19-6-2020   | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1600     | 0    | 0            | 41            | 22-10-2018         |
| O                | AFA                       | Air France-KLM  | 19-6-2020   | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,1100     | 7    | 0            | 10            | 22-10-2018         |
| O                | AGA                       | ageas NV/SA     | 16-11-2018  | 36,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,7100     | 9    | 0            | 0             | 22-10-2018         |
| O                | AGA                       | ageas NV/SA     | 16-11-2018  | 36,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | AGA                       | ageas NV/SA     | 16-11-2018  | 38,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,7500     | 7    | 0            | 4             | 22-10-2018         |
| O                | AGA                       | ageas NV/SA     | 16-11-2018  | 38,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 1            | 22-10-2018    |                    |
| O                | AGA                       | ageas NV/SA     | 16-11-2018  | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,8400     | 5    | 0            | 0             | 22-10-2018         |
| O                | AGA                       | ageas NV/SA     | 16-11-2018  | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1400     | 0    | 3            | 22-10-2018    |                    |
| O                | AGA                       | ageas NV/SA     | 16-11-2018  | 42,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0700     | 3    | 0            | 0             | 22-10-2018         |
| O                | AGA                       | ageas NV/SA     | 16-11-2018  | 42,0000        | P                 | EUR               | 0,3100 | 0,3100 | 0,3100 | 1           | 0,3100 | 0,3800     | 0    | 10           | 34            | 22-10-2018         |
| O                | AGA                       | ageas NV/SA     | 16-11-2018  | 43,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2600     | 2    | 0            | 0             | 22-10-2018         |
| O                | AGA                       | ageas NV/SA     | 16-11-2018  | 43,0000        | P                 | EUR               | 0,4400 | 0,4400 | 0,4400 | 1           | 0,4400 | 0,5700     | 1    | 1            | 51            | 22-10-2018         |



| Instrument Type* | Instrument Trading Symbol | Instrument Name | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|-----------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | AGA                       | ageas NV/SA     | 16-11-2018  | 47,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6900     |      | 3            | 0             | 5 22-10-2018       |
| O                | AGA                       | ageas NV/SA     | 16-11-2018  | 48,0000        | C                 | EUR               | 0,2700 | 0,3100 | 0,2700 | 4           | 0,3100 | 0,2000     |      | 0            | 31            | 58 22-10-2018      |
| O                | AGA                       | ageas NV/SA     | 16-11-2018  | 48,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5200     |      | 4            | 0             | 0 22-10-2018       |
| O                | AGA                       | ageas NV/SA     | 16-11-2018  | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     |      | 0            | 0             | 2 22-10-2018       |
| O                | AGA                       | ageas NV/SA     | 16-11-2018  | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,3800     |      | 5            | 0             | 0 22-10-2018       |
| O                | AGA                       | ageas NV/SA     | 16-11-2018  | 52,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 3 22-10-2018       |
| O                | AGA                       | ageas NV/SA     | 16-11-2018  | 52,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,3300     |      | 7            | 0             | 0 22-10-2018       |
| O                | AGA                       | ageas NV/SA     | 16-11-2018  | 54,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0 22-10-2018       |
| O                | AGA                       | ageas NV/SA     | 16-11-2018  | 54,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,3200     |      | 9            | 0             | 0 22-10-2018       |
| O                | AGA                       | ageas NV/SA     | 21-12-2018  | 24,7200        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 19,9800    |      | 20           | 0             | 0 22-10-2018       |
| O                | AGA                       | ageas NV/SA     | 21-12-2018  | 24,7200        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 46 22-10-2018      |
| O                | AGA                       | ageas NV/SA     | 21-12-2018  | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,7000    |      | 17           | 0             | 0 22-10-2018       |
| O                | AGA                       | ageas NV/SA     | 21-12-2018  | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0 22-10-2018       |
| O                | AGA                       | ageas NV/SA     | 21-12-2018  | 29,6700        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,0300    |      | 15           | 0             | 15 22-10-2018      |
| O                | AGA                       | ageas NV/SA     | 21-12-2018  | 29,6700        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 531           | 22-10-2018         |
| O                | AGA                       | ageas NV/SA     | 21-12-2018  | 34,6100        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,1100    |      | 10           | 0             | 1 22-10-2018       |
| O                | AGA                       | ageas NV/SA     | 21-12-2018  | 34,6100        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     |      | 0            | 1034          | 22-10-2018         |
| O                | AGA                       | ageas NV/SA     | 21-12-2018  | 36,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,7600     |      | 9            | 0             | 0 22-10-2018       |
| O                | AGA                       | ageas NV/SA     | 21-12-2018  | 36,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     |      | 0            | 0             | 0 22-10-2018       |
| O                | AGA                       | ageas NV/SA     | 21-12-2018  | 38,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,8500     |      | 7            | 0             | 30 22-10-2018      |
| O                | AGA                       | ageas NV/SA     | 21-12-2018  | 38,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1600     |      | 0            | 283           | 22-10-2018         |
| O                | AGA                       | ageas NV/SA     | 21-12-2018  | 39,5500        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,4300     |      | 5            | 0             | 12 22-10-2018      |
| O                | AGA                       | ageas NV/SA     | 21-12-2018  | 39,5500        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3000     |      | 0            | 433           | 22-10-2018         |
| O                | AGA                       | ageas NV/SA     | 21-12-2018  | 42,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3700     |      | 3            | 0             | 25 22-10-2018      |
| O                | AGA                       | ageas NV/SA     | 21-12-2018  | 42,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6900     |      | 1            | 0             | 262 22-10-2018     |
| O                | AGA                       | ageas NV/SA     | 21-12-2018  | 43,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6400     |      | 3            | 0             | 0 22-10-2018       |
| O                | AGA                       | ageas NV/SA     | 21-12-2018  | 43,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9700     |      | 1            | 0             | 10 22-10-2018      |
| O                | AGA                       | ageas NV/SA     | 21-12-2018  | 44,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0200     |      | 2            | 0             | 0 22-10-2018       |
| O                | AGA                       | ageas NV/SA     | 21-12-2018  | 44,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3400     |      | 1            | 0             | 25 22-10-2018      |
| O                | AGA                       | ageas NV/SA     | 21-12-2018  | 44,5000        | C                 | EUR               | 2,0500 | 2,0500 | 2,0500 | 1           | 2,0500 | 1,7400     |      | 2            | 1             | 248 22-10-2018     |
| O                | AGA                       | ageas NV/SA     | 21-12-2018  | 44,5000        | P                 | EUR               | 1,2500 | 1,2500 | 1,2500 | 1           | 1,2500 | 1,5700     |      | 2            | 1             | 262 22-10-2018     |
| O                | AGA                       | ageas NV/SA     | 21-12-2018  | 45,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5000     |      | 2            | 0             | 0 22-10-2018       |
| O                | AGA                       | ageas NV/SA     | 21-12-2018  | 45,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8200     |      | 2            | 0             | 2 22-10-2018       |
| O                | AGA                       | ageas NV/SA     | 21-12-2018  | 46,0000        | C                 | EUR               | 1,2000 | 1,2000 | 1,2000 | 1           | 1,2000 | 1,0500     |      | 1            | 1             | 248 22-10-2018     |
| O                | AGA                       | ageas NV/SA     | 21-12-2018  | 46,0000        | P                 | EUR               | 1,9800 | 1,9800 | 1,9800 | 1           | 1,9800 | 2,3800     |      | 2            | 1             | 165 22-10-2018     |
| O                | AGA                       | ageas NV/SA     | 21-12-2018  | 47,0000        | C                 | EUR               | 0,9000 | 0,9000 | 0,9000 | 1           | 0,9000 | 0,7100     |      | 1            | 10            | 12 22-10-2018      |
| O                | AGA                       | ageas NV/SA     | 21-12-2018  | 47,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0400     |      | 3            | 0             | 10 22-10-2018      |
| O                | AGA                       | ageas NV/SA     | 21-12-2018  | 48,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4800     |      | 0            | 0             | 47 22-10-2018      |
| O                | AGA                       | ageas NV/SA     | 21-12-2018  | 48,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8100     |      | 4            | 0             | 12 22-10-2018      |
| O                | AGA                       | ageas NV/SA     | 21-12-2018  | 49,4400        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2600     |      | 0            | 161           | 22-10-2018         |
| O                | AGA                       | ageas NV/SA     | 21-12-2018  | 49,4400        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,0400     |      | 5            | 0             | 32 22-10-2018      |
| O                | AGA                       | ageas NV/SA     | 21-12-2018  | 52,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     |      | 0            | 0             | 0 22-10-2018       |
| O                | AGA                       | ageas NV/SA     | 21-12-2018  | 52,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,4300     |      | 7            | 0             | 0 22-10-2018       |
| O                | AGA                       | ageas NV/SA     | 21-12-2018  | 54,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     |      | 0            | 0             | 0 22-10-2018       |
| O                | AGA                       | ageas NV/SA     | 21-12-2018  | 54,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,3600     |      | 9            | 0             | 0 22-10-2018       |
| O                | AGA                       | ageas NV/SA     | 21-12-2018  | 55,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 0             | 0 22-10-2018       |
| O                | AGA                       | ageas NV/SA     | 21-12-2018  | 55,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,3500    |      | 10           | 0             | 5 22-10-2018       |
| O                | AGA                       | ageas NV/SA     | 21-12-2018  | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0 22-10-2018       |
| O                | AGA                       | ageas NV/SA     | 21-12-2018  | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,3400    |      | 15           | 0             | 0 22-10-2018       |
| O                | AGA                       | ageas NV/SA     | 18-1-2019   | 38,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,9700     |      | 7            | 0             | 0 22-10-2018       |
| O                | AGA                       | ageas NV/SA     | 18-1-2019   | 38,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3000     |      | 0            | 0             | 0 22-10-2018       |
| O                | AGA                       | ageas NV/SA     | 18-1-2019   | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,1700     |      | 5            | 0             | 0 22-10-2018       |
| O                | AGA                       | ageas NV/SA     | 18-1-2019   | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5000     |      | 1            | 0             | 0 22-10-2018       |
| O                | AGA                       | ageas NV/SA     | 18-1-2019   | 42,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5800     |      | 4            | 0             | 0 22-10-2018       |
| O                | AGA                       | ageas NV/SA     | 18-1-2019   | 42,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9100     |      | 1            | 0             | 0 22-10-2018       |
| O                | AGA                       | ageas NV/SA     | 18-1-2019   | 44,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2700     |      | 2            | 0             | 0 22-10-2018       |
| O                | AGA                       | ageas NV/SA     | 18-1-2019   | 44,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6100     |      | 2            | 0             | 0 22-10-2018       |
| O                | AGA                       | ageas NV/SA     | 18-1-2019   | 45,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7500     |      | 2            | 0             | 0 22-10-2018       |
| O                | AGA                       | ageas NV/SA     | 18-1-2019   | 45,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0900     |      | 2            | 0             | 0 22-10-2018       |
| O                | AGA                       | ageas NV/SA     | 18-1-2019   | 46,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3200     |      | 1            | 0             | 0 22-10-2018       |
| O                | AGA                       | ageas NV/SA     | 18-1-2019   | 46,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6600     |      | 3            | 0             | 0 22-10-2018       |
| O                | AGA                       | ageas NV/SA     | 18-1-2019   | 48,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6900     |      | 1            | 0             | 0 22-10-2018       |
| O                | AGA                       | ageas NV/SA     | 18-1-2019   | 48,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,0300     |      | 4            | 0             | 0 22-10-2018       |
| O                | AGA                       | ageas NV/SA     | 18-1-2019   | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3200     |      | 0            | 0             | 0 22-10-2018       |
| O                | AGA                       | ageas NV/SA     | 18-1-2019   | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,6700     |      | 6            | 0             | 0 22-10-2018       |
| O                | AGA                       | ageas NV/SA     | 18-1-2019   | 52,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1500     |      | 0            | 0             | 0 22-10-2018       |
| O                | AGA                       | ageas NV/SA     | 18-1-2019   | 52,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,5000     |      | 8            | 0             | 0 22-10-2018       |
| O                | AGA                       | ageas NV/SA     | 15-3-2019   | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,7000    |      | 17           | 0             | 3 22-10-2018       |
| O                | AGA                       | ageas NV/SA     | 15-3-2019   | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0 22-10-2018       |
| O                | AGA                       | ageas NV/SA     | 15-3-2019   | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,7000    |      | 15           | 0             | 20 22-10-2018      |
| O                | AGA                       | ageas NV/SA     | 15-3-2019   | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0 22-10-2018       |
| O                | AGA                       | ageas NV/SA     | 15-3-2019   | 35,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,8400     |      | 10           | 0             | 0 22-10-2018       |
| O                | AGA                       | ageas NV/SA     | 15-3-2019   | 35,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1700     |      | 0            | 10            | 0 22-10-2018       |
| O                | AGA                       | ageas NV/SA     | 15-3-2019   | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,3700     |      | 5            | 0             | 10 22-10-2018      |
| O                | AGA                       | ageas NV/SA     | 15-3-2019   | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7100     |      | 1            | 0             | 29 22-10-2018      |
| O                | AGA                       | ageas NV/SA     | 15-3-2019   | 42,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8400     |      | 4            | 0             | 19 22-10-2018      |
| O                | AGA                       | ageas NV/SA     | 15-3-2019   | 42,0000        | P                 | EUR               | 1,1000 | 1,1000 | 1,1000 | 1           | 1,1000 | 1,1900     |      | 1            | 1             | 72 22-10-2018      |
| O                | AGA                       | ageas NV/SA     | 15-3-2019   | 44,0000        | C                 | EUR               | 0,0000 |        |        |             |        |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|-----------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | AGA                       | ageas NV/SA     | 15-3-2019   | 55,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     | 0    | 0            | 0             | 22-10-2018         |
| O                | AGA                       | ageas NV/SA     | 15-3-2019   | 55,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,4600    | 10   | 0            | 0             | 22-10-2018         |
| O                | AGA                       | ageas NV/SA     | 15-3-2019   | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | AGA                       | ageas NV/SA     | 15-3-2019   | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,3900    | 15   | 0            | 0             | 22-10-2018         |
| O                | AGA                       | ageas NV/SA     | 15-3-2019   | 70,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | AGA                       | ageas NV/SA     | 15-3-2019   | 70,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 25,3900    | 25   | 0            | 0             | 22-10-2018         |
| O                | AGA                       | ageas NV/SA     | 21-6-2019   | 25,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 19,7000    | 20   | 0            | 0             | 22-10-2018         |
| O                | AGA                       | ageas NV/SA     | 21-6-2019   | 25,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 43            | 22-10-2018         |
| O                | AGA                       | ageas NV/SA     | 21-6-2019   | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,7100    | 17   | 0            | 0             | 22-10-2018         |
| O                | AGA                       | ageas NV/SA     | 21-6-2019   | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     | 0    | 0            | 0             | 22-10-2018         |
| O                | AGA                       | ageas NV/SA     | 21-6-2019   | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,7200    | 15   | 0            | 15            | 22-10-2018         |
| O                | AGA                       | ageas NV/SA     | 21-6-2019   | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1400     | 0    | 0            | 36            | 22-10-2018         |
| O                | AGA                       | ageas NV/SA     | 21-6-2019   | 35,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,8900     | 10   | 0            | 37            | 22-10-2018         |
| O                | AGA                       | ageas NV/SA     | 21-6-2019   | 35,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5100     | 1    | 0            | 839           | 22-10-2018         |
| O                | AGA                       | ageas NV/SA     | 21-6-2019   | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,5300     | 6    | 0            | 280           | 22-10-2018         |
| O                | AGA                       | ageas NV/SA     | 21-6-2019   | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5500     | 2    | 0            | 123           | 22-10-2018         |
| O                | AGA                       | ageas NV/SA     | 21-6-2019   | 42,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,0800     | 4    | 0            | 10            | 22-10-2018         |
| O                | AGA                       | ageas NV/SA     | 21-6-2019   | 42,0000        | P                 | EUR               | 2,0000 | 2,0000 | 2,0000 | 1           | 2,0000 | 2,3300     | 2    | 1            | 141           | 22-10-2018         |
| O                | AGA                       | ageas NV/SA     | 21-6-2019   | 44,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8900     | 3    | 0            | 25            | 22-10-2018         |
| O                | AGA                       | ageas NV/SA     | 21-6-2019   | 44,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3300     | 3    | 0            | 0             | 22-10-2018         |
| O                | AGA                       | ageas NV/SA     | 21-6-2019   | 45,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3700     | 2    | 0            | 132           | 22-10-2018         |
| O                | AGA                       | ageas NV/SA     | 21-6-2019   | 45,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9300     | 4    | 0            | 504           | 22-10-2018         |
| O                | AGA                       | ageas NV/SA     | 21-6-2019   | 46,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9300     | 2    | 0            | 501           | 22-10-2018         |
| O                | AGA                       | ageas NV/SA     | 21-6-2019   | 46,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,5600     | 5    | 0            | 10            | 22-10-2018         |
| O                | AGA                       | ageas NV/SA     | 21-6-2019   | 48,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2100     | 1    | 0            | 21            | 22-10-2018         |
| O                | AGA                       | ageas NV/SA     | 21-6-2019   | 48,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,0200     | 6    | 0            | 2             | 22-10-2018         |
| O                | AGA                       | ageas NV/SA     | 21-6-2019   | 50,0000        | C                 | EUR               | 0,9500 | 0,9500 | 0,9500 | 1           | 0,9500 | 0,7100     | 1    | 1            | 61            | 22-10-2018         |
| O                | AGA                       | ageas NV/SA     | 21-6-2019   | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,6400     | 8    | 0            | 22            | 22-10-2018         |
| O                | AGA                       | ageas NV/SA     | 21-6-2019   | 55,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1600     | 0    | 0            | 0             | 22-10-2018         |
| O                | AGA                       | ageas NV/SA     | 21-6-2019   | 55,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,2400    | 12   | 0            | 10            | 22-10-2018         |
| O                | AGA                       | ageas NV/SA     | 21-6-2019   | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 0             | 22-10-2018         |
| O                | AGA                       | ageas NV/SA     | 21-6-2019   | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,1600    | 17   | 0            | 15            | 22-10-2018         |
| O                | AGA                       | ageas NV/SA     | 21-6-2019   | 70,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | AGA                       | ageas NV/SA     | 21-6-2019   | 70,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 27,1600    | 27   | 0            | 0             | 22-10-2018         |
| O                | AGA                       | ageas NV/SA     | 20-9-2019   | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,7200    | 15   | 0            | 0             | 22-10-2018         |
| O                | AGA                       | ageas NV/SA     | 20-9-2019   | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2400     | 0    | 0            | 0             | 22-10-2018         |
| O                | AGA                       | ageas NV/SA     | 20-9-2019   | 35,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,8800     | 10   | 0            | 0             | 22-10-2018         |
| O                | AGA                       | ageas NV/SA     | 20-9-2019   | 35,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7100     | 1    | 0            | 0             | 22-10-2018         |
| O                | AGA                       | ageas NV/SA     | 20-9-2019   | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,5600     | 6    | 0            | 0             | 22-10-2018         |
| O                | AGA                       | ageas NV/SA     | 20-9-2019   | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8700     | 2    | 0            | 5             | 22-10-2018         |
| O                | AGA                       | ageas NV/SA     | 20-9-2019   | 42,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,1500     | 4    | 0            | 0             | 22-10-2018         |
| O                | AGA                       | ageas NV/SA     | 20-9-2019   | 42,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6800     | 3    | 0            | 0             | 22-10-2018         |
| O                | AGA                       | ageas NV/SA     | 20-9-2019   | 44,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0200     | 3    | 0            | 0             | 22-10-2018         |
| O                | AGA                       | ageas NV/SA     | 20-9-2019   | 44,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,7400     | 4    | 0            | 0             | 22-10-2018         |
| O                | AGA                       | ageas NV/SA     | 20-9-2019   | 46,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0700     | 2    | 0            | 0             | 22-10-2018         |
| O                | AGA                       | ageas NV/SA     | 20-9-2019   | 46,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,9400     | 5    | 0            | 0             | 22-10-2018         |
| O                | AGA                       | ageas NV/SA     | 20-9-2019   | 48,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3500     | 1    | 0            | 3             | 22-10-2018         |
| O                | AGA                       | ageas NV/SA     | 20-9-2019   | 48,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,3400     | 6    | 0            | 0             | 22-10-2018         |
| O                | AGA                       | ageas NV/SA     | 20-9-2019   | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8600     | 1    | 0            | 0             | 22-10-2018         |
| O                | AGA                       | ageas NV/SA     | 20-9-2019   | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,9300     | 8    | 0            | 0             | 22-10-2018         |
| O                | AGA                       | ageas NV/SA     | 20-9-2019   | 55,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2400     | 0    | 0            | 0             | 22-10-2018         |
| O                | AGA                       | ageas NV/SA     | 20-9-2019   | 55,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,3900    | 12   | 0            | 0             | 22-10-2018         |
| O                | AGA                       | ageas NV/SA     | 20-9-2019   | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     | 0    | 0            | 0             | 22-10-2018         |
| O                | AGA                       | ageas NV/SA     | 20-9-2019   | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,2600    | 17   | 0            | 0             | 22-10-2018         |
| O                | AGA                       | ageas NV/SA     | 20-9-2019   | 70,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | AGA                       | ageas NV/SA     | 20-9-2019   | 70,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 27,2200    | 27   | 0            | 0             | 22-10-2018         |
| O                | AGA                       | ageas NV/SA     | 20-12-2019  | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,7200    | 15   | 0            | 0             | 22-10-2018         |
| O                | AGA                       | ageas NV/SA     | 20-12-2019  | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3300     | 0    | 0            | 223           | 22-10-2018         |
| O                | AGA                       | ageas NV/SA     | 20-12-2019  | 35,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,9200     | 10   | 0            | 53            | 22-10-2018         |
| O                | AGA                       | ageas NV/SA     | 20-12-2019  | 35,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9100     | 1    | 0            | 77            | 22-10-2018         |
| O                | AGA                       | ageas NV/SA     | 20-12-2019  | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,7100     | 6    | 0            | 94            | 22-10-2018         |
| O                | AGA                       | ageas NV/SA     | 20-12-2019  | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2200     | 2    | 0            | 111           | 22-10-2018         |
| O                | AGA                       | ageas NV/SA     | 20-12-2019  | 45,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7000     | 3    | 0            | 124           | 22-10-2018         |
| O                | AGA                       | ageas NV/SA     | 20-12-2019  | 45,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,6300     | 5    | 0            | 51            | 22-10-2018         |
| O                | AGA                       | ageas NV/SA     | 20-12-2019  | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0300     | 1    | 0            | 167           | 22-10-2018         |
| O                | AGA                       | ageas NV/SA     | 20-12-2019  | 50,0000        | P                 | EUR               | 7,7000 | 7,7000 | 7,7000 | 1           | 7,7000 | 8,1600     | 8    | 1            | 41            | 22-10-2018         |
| O                | AGA                       | ageas NV/SA     | 20-12-2019  | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     | 0    | 0            | 150           | 22-10-2018         |
| O                | AGA                       | ageas NV/SA     | 20-12-2019  | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,3300    | 17   | 0            | 60            | 22-10-2018         |
| O                | AGA                       | ageas NV/SA     | 19-6-2020   | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,7300    | 15   | 0            | 11            | 22-10-2018         |
| O                | AGA                       | ageas NV/SA     | 19-6-2020   | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7600     | 1    | 0            | 13            | 22-10-2018         |
| O                | AGA                       | ageas NV/SA     | 19-6-2020   | 35,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,9700     | 10   | 0            | 23            | 22-10-2018         |
| O                | AGA                       | ageas NV/SA     | 19-6-2020   | 35,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6900     | 2    | 0            | 16            | 22-10-2018         |
| O                | AGA                       | ageas NV/SA     | 19-6-2020   | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,9400     | 6    | 0            | 87            | 22-10-2018         |
| O                | AGA                       | ageas NV/SA     | 19-6-2020   | 40,0000        | P                 | EUR               | 3,3500 | 3,3500 | 3,3200 | 2           | 3,3200 | 3,4900     | 3    | 2            | 43            | 22-10-2018         |
| O                | AGA                       | ageas NV/SA     | 19-6-2020   | 45,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0700     | 3    | 0            | 46            | 22-10-2018         |
| O                | AGA                       | ageas NV/SA     | 19-6-2020   | 45,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,2100     | 6    | 0            | 20            | 22-10-2018         |
| O                | AGA                       | ageas NV/SA     | 19-6-2020   | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4300     | 1    | 0            | 186           | 22-10-2018         |
| O                | AGA                       | ageas NV/SA     | 19-6-2020   | 50,0000        | P                 | EUR               | 0,00   |        |        |             |        |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|-----------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | AGN                       | AEGON           | 16-11-2018  | 4,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 66            | 22-10-2018         |
| O                | AGN                       | AEGON           | 16-11-2018  | 5,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4000     | 0    | 0            | 161           | 22-10-2018         |
| O                | AGN                       | AEGON           | 16-11-2018  | 5,0000         | P                 | EUR               | 0,0400 | 0,0400 | 0,0400 | 2           | 0,0400 | 0,0400     | 0    | 5            | 908           | 22-10-2018         |
| O                | AGN                       | AEGON           | 16-11-2018  | 5,2000         | C                 | EUR               | 0,2400 | 0,2400 | 0,2400 | 1           | 0,2400 | 0,2400     | 0    | 1            | 740           | 22-10-2018         |
| O                | AGN                       | AEGON           | 16-11-2018  | 5,2000         | P                 | EUR               | 0,0700 | 0,0700 | 0,0600 | 4           | 0,0600 | 0,0800     | 0    | 6            | 3335          | 22-10-2018         |
| O                | AGN                       | AEGON           | 16-11-2018  | 5,4000         | C                 | EUR               | 0,1400 | 0,1600 | 0,1300 | 50          | 0,1300 | 0,1200     | 0    | 1936         | 3239          | 22-10-2018         |
| O                | AGN                       | AEGON           | 16-11-2018  | 5,4000         | P                 | EUR               | 0,1400 | 0,1700 | 0,1300 | 19          | 0,1700 | 0,1600     | 0    | 183          | 2262          | 22-10-2018         |
| O                | AGN                       | AEGON           | 16-11-2018  | 5,6000         | C                 | EUR               | 0,0600 | 0,0700 | 0,0600 | 12          | 0,0700 | 0,0500     | 0    | 224          | 3083          | 22-10-2018         |
| O                | AGN                       | AEGON           | 16-11-2018  | 5,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2900     | 0    | 0            | 1379          | 22-10-2018         |
| O                | AGN                       | AEGON           | 16-11-2018  | 5,8000         | C                 | EUR               | 0,0200 | 0,0200 | 0,0200 | 5           | 0,0200 | 0,0200     | 0    | 185          | 2054          | 22-10-2018         |
| O                | AGN                       | AEGON           | 16-11-2018  | 5,8000         | P                 | EUR               | 0,4300 | 0,4300 | 0,4300 | 1           | 0,4300 | 0,4600     | 0    | 10           | 421           | 22-10-2018         |
| O                | AGN                       | AEGON           | 16-11-2018  | 6,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 1903          | 22-10-2018         |
| O                | AGN                       | AEGON           | 16-11-2018  | 6,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6500     | 1    | 0            | 154           | 22-10-2018         |
| O                | AGN                       | AEGON           | 16-11-2018  | 6,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 1             | 22-10-2018         |
| O                | AGN                       | AEGON           | 16-11-2018  | 6,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0400     | 1    | 0            | 159           | 22-10-2018         |
| O                | AGN                       | AEGON           | 16-11-2018  | 6,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 421           | 22-10-2018         |
| O                | AGN                       | AEGON           | 16-11-2018  | 6,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4400     | 1    | 0            | 211           | 22-10-2018         |
| O                | AGN                       | AEGON           | 16-11-2018  | 7,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | AGN                       | AEGON           | 16-11-2018  | 7,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8400     | 2    | 0            | 0             | 22-10-2018         |
| O                | AGN                       | AEGON           | 21-12-2018  | 2,0000         | C                 | EUR               | 3,4000 | 3,4300 | 3,4000 | 2           | 3,4300 | 3,3600     | 3    | 10           | 109           | 22-10-2018         |
| O                | AGN                       | AEGON           | 21-12-2018  | 2,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 797           | 22-10-2018         |
| O                | AGN                       | AEGON           | 21-12-2018  | 2,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8700     | 3    | 0            | 7             | 22-10-2018         |
| O                | AGN                       | AEGON           | 21-12-2018  | 2,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 120           | 22-10-2018         |
| O                | AGN                       | AEGON           | 21-12-2018  | 3,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3700     | 2    | 0            | 166           | 22-10-2018         |
| O                | AGN                       | AEGON           | 21-12-2018  | 3,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 669           | 22-10-2018         |
| O                | AGN                       | AEGON           | 21-12-2018  | 3,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8700     | 2    | 0            | 223           | 22-10-2018         |
| O                | AGN                       | AEGON           | 21-12-2018  | 3,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 7435          | 22-10-2018         |
| O                | AGN                       | AEGON           | 21-12-2018  | 4,0000         | C                 | EUR               | 1,4000 | 1,4000 | 1,4000 | 1           | 1,4000 | 1,3700     | 1    | 1            | 1301          | 22-10-2018         |
| O                | AGN                       | AEGON           | 21-12-2018  | 4,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 8362          | 22-10-2018         |
| O                | AGN                       | AEGON           | 21-12-2018  | 4,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9900     | 1    | 0            | 0             | 22-10-2018         |
| O                | AGN                       | AEGON           | 21-12-2018  | 4,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 0             | 22-10-2018         |
| O                | AGN                       | AEGON           | 21-12-2018  | 4,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8900     | 1    | 0            | 2276          | 22-10-2018         |
| O                | AGN                       | AEGON           | 21-12-2018  | 4,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 25042         | 22-10-2018         |
| O                | AGN                       | AEGON           | 21-12-2018  | 4,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8000     | 1    | 0            | 0             | 22-10-2018         |
| O                | AGN                       | AEGON           | 21-12-2018  | 4,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     | 0    | 0            | 100           | 22-10-2018         |
| O                | AGN                       | AEGON           | 21-12-2018  | 4,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6200     | 1    | 0            | 1506          | 22-10-2018         |
| O                | AGN                       | AEGON           | 21-12-2018  | 4,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 0            | 3194          | 22-10-2018         |
| O                | AGN                       | AEGON           | 21-12-2018  | 5,0000         | C                 | EUR               | 0,5000 | 0,5100 | 0,5000 | 3           | 0,5100 | 0,4600     | 0    | 0            | 24158         | 22-10-2018         |
| O                | AGN                       | AEGON           | 21-12-2018  | 5,0000         | P                 | EUR               | 0,0900 | 0,1000 | 0,0800 | 6           | 0,1000 | 0,1000     | 0    | 88           | 20752         | 22-10-2018         |
| O                | AGN                       | AEGON           | 21-12-2018  | 5,2000         | C                 | EUR               | 0,3400 | 0,3400 | 0,3400 | 2           | 0,3400 | 0,3200     | 0    | 100          | 260           | 22-10-2018         |
| O                | AGN                       | AEGON           | 21-12-2018  | 5,2000         | P                 | EUR               | 0,1400 | 0,1600 | 0,1300 | 5           | 0,1600 | 0,1600     | 0    | 24           | 460           | 22-10-2018         |
| O                | AGN                       | AEGON           | 21-12-2018  | 5,4000         | C                 | EUR               | 0,2200 | 0,2200 | 0,2200 | 4           | 0,2200 | 0,2100     | 0    | 30           | 2082          | 22-10-2018         |
| O                | AGN                       | AEGON           | 21-12-2018  | 5,4000         | P                 | EUR               | 0,2400 | 0,2400 | 0,2100 | 2           | 0,2100 | 0,2500     | 0    | 87           | 2355          | 22-10-2018         |
| O                | AGN                       | AEGON           | 21-12-2018  | 5,5000         | C                 | EUR               | 0,1800 | 0,2000 | 0,1600 | 11          | 0,1600 | 0,1600     | 0    | 219          | 24208         | 22-10-2018         |
| O                | AGN                       | AEGON           | 21-12-2018  | 5,5000         | P                 | EUR               | 0,2700 | 0,3000 | 0,2700 | 3           | 0,3000 | 0,3000     | 0    | 6            | 16509         | 22-10-2018         |
| O                | AGN                       | AEGON           | 21-12-2018  | 5,6000         | C                 | EUR               | 0,1300 | 0,1500 | 0,1300 | 25          | 0,1300 | 0,1300     | 0    | 503          | 2162          | 22-10-2018         |
| O                | AGN                       | AEGON           | 21-12-2018  | 5,6000         | P                 | EUR               | 0,3300 | 0,3400 | 0,3300 | 3           | 0,3400 | 0,3700     | 0    | 110          | 2467          | 22-10-2018         |
| O                | AGN                       | AEGON           | 21-12-2018  | 5,8000         | C                 | EUR               | 0,0800 | 0,0900 | 0,0800 | 4           | 0,0900 | 0,0800     | 0    | 18           | 2264          | 22-10-2018         |
| O                | AGN                       | AEGON           | 21-12-2018  | 5,8000         | P                 | EUR               | 0,4900 | 0,5300 | 0,4900 | 2           | 0,5300 | 0,5200     | 1    | 2            | 1727          | 22-10-2018         |
| O                | AGN                       | AEGON           | 21-12-2018  | 6,0000         | C                 | EUR               | 0,0500 | 0,0500 | 0,0500 | 2           | 0,0500 | 0,0500     | 0    | 9            | 24081         | 22-10-2018         |
| O                | AGN                       | AEGON           | 21-12-2018  | 6,0000         | P                 | EUR               | 0,6600 | 0,7000 | 0,6200 | 14          | 0,6800 | 0,6900     | 1    | 391          | 18870         | 22-10-2018         |
| O                | AGN                       | AEGON           | 21-12-2018  | 6,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 4075          | 22-10-2018         |
| O                | AGN                       | AEGON           | 21-12-2018  | 6,5000         | P                 | EUR               | 1,1700 | 1,1700 | 1,1700 | 1           | 1,1700 | 1,1600     | 1    | 3            | 1398          | 22-10-2018         |
| O                | AGN                       | AEGON           | 21-12-2018  | 6,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 2             | 22-10-2018         |
| O                | AGN                       | AEGON           | 21-12-2018  | 6,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4500     | 1    | 0            | 10            | 22-10-2018         |
| O                | AGN                       | AEGON           | 21-12-2018  | 7,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 30193         | 22-10-2018         |
| O                | AGN                       | AEGON           | 21-12-2018  | 7,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6500     | 2    | 0            | 7283          | 22-10-2018         |
| O                | AGN                       | AEGON           | 21-12-2018  | 7,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 1             | 22-10-2018         |
| O                | AGN                       | AEGON           | 21-12-2018  | 7,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8500     | 2    | 0            | 1             | 22-10-2018         |
| O                | AGN                       | AEGON           | 21-12-2018  | 8,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 9510          | 22-10-2018         |
| O                | AGN                       | AEGON           | 21-12-2018  | 8,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6500     | 3    | 0            | 3737          | 22-10-2018         |
| O                | AGN                       | AEGON           | 21-12-2018  | 9,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | AGN                       | AEGON           | 21-12-2018  | 9,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,6500     | 4    | 0            | 233           | 22-10-2018         |
| O                | AGN                       | AEGON           | 21-12-2018  | 10,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 6455          | 22-10-2018         |
| O                | AGN                       | AEGON           | 21-12-2018  | 10,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,6500     | 5    | 0            | 2306          | 22-10-2018         |
| O                | AGN                       | AEGON           | 21-12-2018  | 12,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 234           | 22-10-2018         |
| O                | AGN                       | AEGON           | 21-12-2018  | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,6500     | 7    | 0            | 232           | 22-10-2018         |
| O                | AGN                       | AEGON           | 21-12-2018  | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 862           | 22-10-2018         |
| O                | AGN                       | AEGON           | 21-12-2018  | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,6500     | 10   | 0            | 3592          | 22-10-2018         |
| O                | AGN                       | AEGON           | 18-1-2019   | 4,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8200     | 1    | 0            | 0             | 22-10-2018         |
| O                | AGN                       | AEGON           | 18-1-2019   | 4,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 0            | 0             | 22-10-2018         |
| O                | AGN                       | AEGON           | 18-1-2019   | 4,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6400     | 1    | 0            | 0             | 22-10-2018         |
| O                | AGN                       | AEGON           | 18-1-2019   | 4,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     | 0    | 0            | 0             | 22-10-2018         |
| O                | AGN                       | AEGON           | 18-1-2019   | 5,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4900     | 0    | 0            | 0             | 22-10-2018         |
| O                | AGN                       | AEGON           | 18-1-2019   | 5,0000         | P                 | EUR               | 0,1100 | 0,1100 | 0,1100 | 1           | 0,1100 | 0,1300     | 0    | 1            | 1             | 22-10-2018         |
| O                | AGN                       | AEGON           | 18-1-2019   | 5,2000         | C                 | EUR               | 0,3600 | 0,3600 | 0,3600 | 1           | 0,3600 | 0,3500     | 0    | 1            | 1             | 22-10-2018         |
| O                | AGN                       | AEGON           | 18-1-2019   | 5,2000         | P                 | EUR               | 0,1700 | 0,1700 | 0,1700 | 1           | 0,1700 | 0,1900     | 0    | 2            | 2             | 22-10-2018         |
| O                | AGN                       | AEGON           | 18-1-2019   | 5,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|-----------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | AGN                       | AEGON           | 18-1-2019   | 6,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 0             | 22-10-2018         |
| O                | AGN                       | AEGON           | 18-1-2019   | 6,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4600     | 1    | 0            | 0             | 22-10-2018         |
| O                | AGN                       | AEGON           | 15-3-2019   | 3,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8700     | 2    | 0            | 342           | 22-10-2018         |
| O                | AGN                       | AEGON           | 15-3-2019   | 3,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 39            | 22-10-2018         |
| O                | AGN                       | AEGON           | 15-3-2019   | 4,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4000     | 1    | 0            | 2363          | 22-10-2018         |
| O                | AGN                       | AEGON           | 15-3-2019   | 4,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     | 0    | 0            | 232           | 22-10-2018         |
| O                | AGN                       | AEGON           | 15-3-2019   | 4,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9500     | 1    | 0            | 440           | 22-10-2018         |
| O                | AGN                       | AEGON           | 15-3-2019   | 4,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     | 0    | 0            | 2744          | 22-10-2018         |
| O                | AGN                       | AEGON           | 15-3-2019   | 4,8000         | C                 | EUR               | 0,7500 | 0,7500 | 0,7500 | 1           | 0,7500 | 0,7000     | 1    | 1            | 1673          | 22-10-2018         |
| O                | AGN                       | AEGON           | 15-3-2019   | 4,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1400     | 0    | 0            | 2110          | 22-10-2018         |
| O                | AGN                       | AEGON           | 15-3-2019   | 5,0000         | C                 | EUR               | 0,6100 | 0,6100 | 0,6100 | 2           | 0,6100 | 0,5600     | 1    | 10           | 8360          | 22-10-2018         |
| O                | AGN                       | AEGON           | 15-3-2019   | 5,0000         | P                 | EUR               | 0,1800 | 0,2000 | 0,1800 | 2           | 0,2000 | 0,2000     | 0    | 23           | 12688         | 22-10-2018         |
| O                | AGN                       | AEGON           | 15-3-2019   | 5,5000         | C                 | EUR               | 0,3000 | 0,3000 | 0,2800 | 7           | 0,2900 | 0,2800     | 0    | 56           | 4476          | 22-10-2018         |
| O                | AGN                       | AEGON           | 15-3-2019   | 5,5000         | P                 | EUR               | 0,4000 | 0,4100 | 0,4000 | 2           | 0,4100 | 0,4200     | 0    | 5            | 5378          | 22-10-2018         |
| O                | AGN                       | AEGON           | 15-3-2019   | 6,0000         | C                 | EUR               | 0,1300 | 0,1300 | 0,1300 | 4           | 0,1300 | 0,1200     | 0    | 23           | 5069          | 22-10-2018         |
| O                | AGN                       | AEGON           | 15-3-2019   | 6,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7700     | 1    | 0            | 4289          | 22-10-2018         |
| O                | AGN                       | AEGON           | 15-3-2019   | 6,5000         | C                 | EUR               | 0,0600 | 0,0600 | 0,0600 | 1           | 0,0600 | 0,0600     | 0    | 3            | 3240          | 22-10-2018         |
| O                | AGN                       | AEGON           | 15-3-2019   | 6,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2000     | 1    | 0            | 869           | 22-10-2018         |
| O                | AGN                       | AEGON           | 15-3-2019   | 7,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 562           | 22-10-2018         |
| O                | AGN                       | AEGON           | 15-3-2019   | 7,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6700     | 2    | 0            | 739           | 22-10-2018         |
| O                | AGN                       | AEGON           | 15-3-2019   | 8,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 350           | 22-10-2018         |
| O                | AGN                       | AEGON           | 15-3-2019   | 8,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6600     | 3    | 0            | 138           | 22-10-2018         |
| O                | AGN                       | AEGON           | 15-3-2019   | 9,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | AGN                       | AEGON           | 15-3-2019   | 9,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,6500     | 4    | 0            | 85            | 22-10-2018         |
| O                | AGN                       | AEGON           | 21-6-2019   | 2,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8700     | 3    | 0            | 18            | 22-10-2018         |
| O                | AGN                       | AEGON           | 21-6-2019   | 2,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 255           | 22-10-2018         |
| O                | AGN                       | AEGON           | 21-6-2019   | 3,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3800     | 2    | 0            | 539           | 22-10-2018         |
| O                | AGN                       | AEGON           | 21-6-2019   | 3,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 483           | 22-10-2018         |
| O                | AGN                       | AEGON           | 21-6-2019   | 3,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8900     | 2    | 0            | 193           | 22-10-2018         |
| O                | AGN                       | AEGON           | 21-6-2019   | 3,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     | 0    | 0            | 5636          | 22-10-2018         |
| O                | AGN                       | AEGON           | 21-6-2019   | 4,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4200     | 1    | 0            | 387           | 22-10-2018         |
| O                | AGN                       | AEGON           | 21-6-2019   | 4,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     | 0    | 0            | 6744          | 22-10-2018         |
| O                | AGN                       | AEGON           | 21-6-2019   | 4,5000         | C                 | EUR               | 1,0000 | 1,0000 | 1,0000 | 1           | 1,0000 | 0,9800     | 1    | 1            | 2441          | 22-10-2018         |
| O                | AGN                       | AEGON           | 21-6-2019   | 4,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1600     | 0    | 0            | 5212          | 22-10-2018         |
| O                | AGN                       | AEGON           | 21-6-2019   | 4,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7500     | 1    | 0            | 412           | 22-10-2018         |
| O                | AGN                       | AEGON           | 21-6-2019   | 4,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2500     | 0    | 0            | 2911          | 22-10-2018         |
| O                | AGN                       | AEGON           | 21-6-2019   | 5,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6200     | 1    | 0            | 3888          | 22-10-2018         |
| O                | AGN                       | AEGON           | 21-6-2019   | 5,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3200     | 0    | 0            | 8633          | 22-10-2018         |
| O                | AGN                       | AEGON           | 21-6-2019   | 5,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3500     | 0    | 0            | 8464          | 22-10-2018         |
| O                | AGN                       | AEGON           | 21-6-2019   | 5,5000         | P                 | EUR               | 0,5500 | 0,5500 | 0,5500 | 1           | 0,5500 | 0,5800     | 1    | 20           | 4692          | 22-10-2018         |
| O                | AGN                       | AEGON           | 21-6-2019   | 6,0000         | C                 | EUR               | 0,1900 | 0,2100 | 0,1900 | 5           | 0,2100 | 0,1800     | 0    | 55           | 4851          | 22-10-2018         |
| O                | AGN                       | AEGON           | 21-6-2019   | 6,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9400     | 1    | 0            | 4383          | 22-10-2018         |
| O                | AGN                       | AEGON           | 21-6-2019   | 6,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     | 0    | 0            | 444           | 22-10-2018         |
| O                | AGN                       | AEGON           | 21-6-2019   | 6,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3600     | 1    | 0            | 100           | 22-10-2018         |
| O                | AGN                       | AEGON           | 21-6-2019   | 7,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 922           | 22-10-2018         |
| O                | AGN                       | AEGON           | 21-6-2019   | 7,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8300     | 2    | 0            | 783           | 22-10-2018         |
| O                | AGN                       | AEGON           | 21-6-2019   | 8,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 2335          | 22-10-2018         |
| O                | AGN                       | AEGON           | 21-6-2019   | 8,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8000     | 3    | 0            | 843           | 22-10-2018         |
| O                | AGN                       | AEGON           | 21-6-2019   | 9,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | AGN                       | AEGON           | 21-6-2019   | 9,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,7900     | 4    | 0            | 4             | 22-10-2018         |
| O                | AGN                       | AEGON           | 20-9-2019   | 3,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8900     | 2    | 0            | 0             | 22-10-2018         |
| O                | AGN                       | AEGON           | 20-9-2019   | 3,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 0            | 422           | 22-10-2018         |
| O                | AGN                       | AEGON           | 20-9-2019   | 4,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4200     | 1    | 0            | 100           | 22-10-2018         |
| O                | AGN                       | AEGON           | 20-9-2019   | 4,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     | 0    | 0            | 346           | 22-10-2018         |
| O                | AGN                       | AEGON           | 20-9-2019   | 4,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0000     | 1    | 0            | 12            | 22-10-2018         |
| O                | AGN                       | AEGON           | 20-9-2019   | 4,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2500     | 0    | 0            | 3005          | 22-10-2018         |
| O                | AGN                       | AEGON           | 20-9-2019   | 4,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7700     | 1    | 0            | 95            | 22-10-2018         |
| O                | AGN                       | AEGON           | 20-9-2019   | 4,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3600     | 0    | 0            | 0             | 22-10-2018         |
| O                | AGN                       | AEGON           | 20-9-2019   | 5,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6400     | 1    | 0            | 24            | 22-10-2018         |
| O                | AGN                       | AEGON           | 20-9-2019   | 5,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4500     | 0    | 0            | 5066          | 22-10-2018         |
| O                | AGN                       | AEGON           | 20-9-2019   | 5,5000         | C                 | EUR               | 0,4100 | 0,4100 | 0,4000 | 4           | 0,4000 | 0,3900     | 0    | 224          | 610           | 22-10-2018         |
| O                | AGN                       | AEGON           | 20-9-2019   | 5,5000         | P                 | EUR               | 0,7100 | 0,7100 | 0,7100 | 1           | 0,7100 | 0,7400     | 1    | 35           | 506           | 22-10-2018         |
| O                | AGN                       | AEGON           | 20-9-2019   | 6,0000         | C                 | EUR               | 0,2300 | 0,2400 | 0,2300 | 4           | 0,2400 | 0,2200     | 0    | 187          | 943           | 22-10-2018         |
| O                | AGN                       | AEGON           | 20-9-2019   | 6,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1000     | 1    | 0            | 94            | 22-10-2018         |
| O                | AGN                       | AEGON           | 20-9-2019   | 6,5000         | C                 | EUR               | 0,1300 | 0,1300 | 0,1300 | 1           | 0,1300 | 0,1300     | 0    | 20           | 245           | 22-10-2018         |
| O                | AGN                       | AEGON           | 20-9-2019   | 6,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5200     | 2    | 0            | 10            | 22-10-2018         |
| O                | AGN                       | AEGON           | 20-9-2019   | 7,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     | 0    | 0            | 70            | 22-10-2018         |
| O                | AGN                       | AEGON           | 20-9-2019   | 7,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9800     | 2    | 0            | 10            | 22-10-2018         |
| O                | AGN                       | AEGON           | 20-9-2019   | 8,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 1             | 22-10-2018         |
| O                | AGN                       | AEGON           | 20-9-2019   | 8,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9400     | 3    | 0            | 0             | 22-10-2018         |
| O                | AGN                       | AEGON           | 20-9-2019   | 9,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 0             | 22-10-2018         |
| O                | AGN                       | AEGON           | 20-9-2019   | 9,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9300     | 4    | 0            | 600           | 22-10-2018         |
| O                | AGN                       | AEGON           | 20-12-2019  | 1,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,3700     | 4    | 0            | 1             | 22-10-2018         |
| O                | AGN                       | AEGON           | 20-12-2019  | 1,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 397           | 22-10-2018         |
| O                | AGN                       | AEGON           | 20-12-2019  | 2,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3700     | 3    | 0            | 53            | 22-10-2018         |
| O                | AGN                       | AEGON           | 20-12-2019  | 2,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 1193          | 22-10-2018         |
| O                | AGN                       | AEGON           | 20-12-2019  | 3,0000         | C                 | EUR               | 2,4300 | 2,4300 | 2,4300 | 1           | 2,4300 | 2,3800     | 2    | 1            | 1646          | 22-10-2018         |
| O                | AGN                       | AEGON           | 20-12-2019  | 3,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     | 0    | 0            | 5658          | 22-10-2018         |
| O                | AGN                       | AEGON           | 20-12-2019  | 3,5000         | C                 | EUR               | 0,0    |        |        |             |        |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|-----------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | AGN                       | AEGON           | 20-12-2019  | 5,0000         | P                 | EUR               | 0,4900 | 0,4900 | 0,4800 | 4           | 0,4800 | 0,5100     | 1    | 61           | 17569         | 22-10-2018         |
| O                | AGN                       | AEGON           | 20-12-2019  | 6,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2600     | 0    | 0            | 23346         | 22-10-2018         |
| O                | AGN                       | AEGON           | 20-12-2019  | 6,0000         | P                 | EUR               | 1,1300 | 1,1300 | 1,1300 | 3           | 1,1300 | 1,1500     | 1    | 260          | 9912          | 22-10-2018         |
| O                | AGN                       | AEGON           | 20-12-2019  | 7,0000         | C                 | EUR               | 0,1000 | 0,1100 | 0,1000 | 3           | 0,1100 | 0,1000     | 0    | 12           | 15237         | 22-10-2018         |
| O                | AGN                       | AEGON           | 20-12-2019  | 7,0000         | P                 | EUR               | 1,9600 | 2,0200 | 1,9500 | 6           | 2,0200 | 2,0000     | 2    | 65           | 6667          | 22-10-2018         |
| O                | AGN                       | AEGON           | 20-12-2019  | 8,0000         | C                 | EUR               | 0,0600 | 0,0600 | 0,0600 | 1           | 0,0600 | 0,0400     | 0    | 4            | 10305         | 22-10-2018         |
| O                | AGN                       | AEGON           | 20-12-2019  | 8,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9600     | 3    | 0            | 3206          | 22-10-2018         |
| O                | AGN                       | AEGON           | 20-12-2019  | 10,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 8693          | 22-10-2018         |
| O                | AGN                       | AEGON           | 20-12-2019  | 10,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,9400     | 5    | 0            | 2880          | 22-10-2018         |
| O                | AGN                       | AEGON           | 20-12-2019  | 12,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 2193          | 22-10-2018         |
| O                | AGN                       | AEGON           | 20-12-2019  | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,9300     | 7    | 0            | 336           | 22-10-2018         |
| O                | AGN                       | AEGON           | 20-12-2019  | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 2344          | 22-10-2018         |
| O                | AGN                       | AEGON           | 20-12-2019  | 15,0000        | P                 | EUR               | 9,9000 | 9,9000 | 9,9000 | 1           | 9,9000 | 9,9500     | 10   | 1            | 1455          | 22-10-2018         |
| O                | AGN                       | AEGON           | 19-6-2020   | 3,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3900     | 2    | 0            | 651           | 22-10-2018         |
| O                | AGN                       | AEGON           | 19-6-2020   | 3,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     | 0    | 0            | 1892          | 22-10-2018         |
| O                | AGN                       | AEGON           | 19-6-2020   | 3,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9100     | 2    | 0            | 10            | 22-10-2018         |
| O                | AGN                       | AEGON           | 19-6-2020   | 3,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1400     | 0    | 0            | 100           | 22-10-2018         |
| O                | AGN                       | AEGON           | 19-6-2020   | 4,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4500     | 1    | 0            | 24            | 22-10-2018         |
| O                | AGN                       | AEGON           | 19-6-2020   | 4,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2600     | 0    | 0            | 46            | 22-10-2018         |
| O                | AGN                       | AEGON           | 19-6-2020   | 4,5000         | C                 | EUR               | 1,0800 | 1,0800 | 1,0800 | 1           | 1,0800 | 1,0500     | 1    | 2            | 214           | 22-10-2018         |
| O                | AGN                       | AEGON           | 19-6-2020   | 4,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4200     | 0    | 0            | 106           | 22-10-2018         |
| O                | AGN                       | AEGON           | 19-6-2020   | 5,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7200     | 1    | 0            | 352           | 22-10-2018         |
| O                | AGN                       | AEGON           | 19-6-2020   | 5,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6600     | 1    | 0            | 311           | 22-10-2018         |
| O                | AGN                       | AEGON           | 19-6-2020   | 5,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4800     | 0    | 0            | 177           | 22-10-2018         |
| O                | AGN                       | AEGON           | 19-6-2020   | 5,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9600     | 1    | 0            | 520           | 22-10-2018         |
| O                | AGN                       | AEGON           | 19-6-2020   | 6,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3200     | 0    | 0            | 357           | 22-10-2018         |
| O                | AGN                       | AEGON           | 19-6-2020   | 6,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3200     | 1    | 0            | 26            | 22-10-2018         |
| O                | AGN                       | AEGON           | 19-6-2020   | 7,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1400     | 0    | 0            | 9             | 22-10-2018         |
| O                | AGN                       | AEGON           | 19-6-2020   | 7,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1700     | 2    | 0            | 25            | 22-10-2018         |
| O                | AGN                       | AEGON           | 19-6-2020   | 8,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     | 0    | 0            | 0             | 22-10-2018         |
| O                | AGN                       | AEGON           | 19-6-2020   | 8,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1100     | 3    | 0            | 99            | 22-10-2018         |
| O                | AGN                       | AEGON           | 18-12-2020  | 1,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,3700     | 4    | 0            | 25            | 22-10-2018         |
| O                | AGN                       | AEGON           | 18-12-2020  | 1,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 54            | 22-10-2018         |
| O                | AGN                       | AEGON           | 18-12-2020  | 2,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3700     | 3    | 0            | 170           | 22-10-2018         |
| O                | AGN                       | AEGON           | 18-12-2020  | 2,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 767           | 22-10-2018         |
| O                | AGN                       | AEGON           | 18-12-2020  | 3,0000         | C                 | EUR               | 2,4000 | 2,4000 | 2,4000 | 2           | 2,4000 | 2,3800     | 2    | 3            | 1399          | 22-10-2018         |
| O                | AGN                       | AEGON           | 18-12-2020  | 3,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     | 0    | 0            | 3196          | 22-10-2018         |
| O                | AGN                       | AEGON           | 18-12-2020  | 3,5000         | C                 | EUR               | 1,9500 | 1,9500 | 1,9500 | 2           | 1,9500 | 1,9000     | 2    | 4            | 1562          | 22-10-2018         |
| O                | AGN                       | AEGON           | 18-12-2020  | 3,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2100     | 0    | 0            | 1765          | 22-10-2018         |
| O                | AGN                       | AEGON           | 18-12-2020  | 4,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4500     | 1    | 0            | 3946          | 22-10-2018         |
| O                | AGN                       | AEGON           | 18-12-2020  | 4,0000         | P                 | EUR               | 0,3500 | 0,3500 | 0,3500 | 1           | 0,3500 | 0,3500     | 0    | 5            | 14736         | 22-10-2018         |
| O                | AGN                       | AEGON           | 18-12-2020  | 4,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0600     | 1    | 0            | 3571          | 22-10-2018         |
| O                | AGN                       | AEGON           | 18-12-2020  | 4,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5400     | 1    | 0            | 4614          | 22-10-2018         |
| O                | AGN                       | AEGON           | 18-12-2020  | 5,0000         | C                 | EUR               | 0,7700 | 0,7700 | 0,7700 | 1           | 0,7700 | 0,7600     | 1    | 100          | 15648         | 22-10-2018         |
| O                | AGN                       | AEGON           | 18-12-2020  | 5,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8000     | 1    | 0            | 9374          | 22-10-2018         |
| O                | AGN                       | AEGON           | 18-12-2020  | 6,0000         | C                 | EUR               | 0,3900 | 0,3900 | 0,3900 | 1           | 0,3900 | 0,3600     | 0    | 1            | 12015         | 22-10-2018         |
| O                | AGN                       | AEGON           | 18-12-2020  | 6,0000         | P                 | EUR               | 1,4500 | 1,4500 | 1,4500 | 1           | 1,4500 | 1,4900     | 1    | 2            | 3803          | 22-10-2018         |
| O                | AGN                       | AEGON           | 18-12-2020  | 7,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1800     | 0    | 0            | 5071          | 22-10-2018         |
| O                | AGN                       | AEGON           | 18-12-2020  | 7,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3300     | 2    | 0            | 2373          | 22-10-2018         |
| O                | AGN                       | AEGON           | 18-12-2020  | 8,0000         | C                 | EUR               | 0,1200 | 0,1200 | 0,1200 | 1           | 0,1200 | 0,0900     | 0    | 10           | 4453          | 22-10-2018         |
| O                | AGN                       | AEGON           | 18-12-2020  | 8,0000         | P                 | EUR               | 3,2700 | 3,2700 | 3,2700 | 3           | 3,2700 | 3,2600     | 3    | 245          | 2440          | 22-10-2018         |
| O                | AGN                       | AEGON           | 17-12-2021  | 2,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3700     | 3    | 0            | 155           | 22-10-2018         |
| O                | AGN                       | AEGON           | 17-12-2021  | 2,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 0            | 33            | 22-10-2018         |
| O                | AGN                       | AEGON           | 17-12-2021  | 3,0000         | C                 | EUR               | 2,4200 | 2,4600 | 2,4200 | 2           | 2,4600 | 2,3800     | 2    | 2            | 1447          | 22-10-2018         |
| O                | AGN                       | AEGON           | 17-12-2021  | 3,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2000     | 0    | 0            | 4084          | 22-10-2018         |
| O                | AGN                       | AEGON           | 17-12-2021  | 3,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9000     | 2    | 0            | 317           | 22-10-2018         |
| O                | AGN                       | AEGON           | 17-12-2021  | 3,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3300     | 0    | 0            | 219           | 22-10-2018         |
| O                | AGN                       | AEGON           | 17-12-2021  | 4,0000         | C                 | EUR               | 1,4700 | 1,5200 | 1,4700 | 2           | 1,5200 | 1,4600     | 1    | 23           | 6418          | 22-10-2018         |
| O                | AGN                       | AEGON           | 17-12-2021  | 4,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5200     | 1    | 0            | 3299          | 22-10-2018         |
| O                | AGN                       | AEGON           | 17-12-2021  | 4,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0900     | 1    | 0            | 1803          | 22-10-2018         |
| O                | AGN                       | AEGON           | 17-12-2021  | 4,5000         | P                 | EUR               | 0,7700 | 0,7700 | 0,7700 | 2           | 0,7700 | 0,7600     | 1    | 30           | 2232          | 22-10-2018         |
| O                | AGN                       | AEGON           | 17-12-2021  | 5,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7900     | 1    | 0            | 9298          | 22-10-2018         |
| O                | AGN                       | AEGON           | 17-12-2021  | 5,0000         | P                 | EUR               | 1,0400 | 1,0400 | 1,0100 | 2           | 1,0100 | 1,0400     | 1    | 2            | 3592          | 22-10-2018         |
| O                | AGN                       | AEGON           | 17-12-2021  | 6,0000         | C                 | EUR               | 0,4600 | 0,4800 | 0,4600 | 2           | 0,4800 | 0,4300     | 0    | 10           | 8421          | 22-10-2018         |
| O                | AGN                       | AEGON           | 17-12-2021  | 6,0000         | P                 | EUR               | 1,7200 | 1,7200 | 1,7200 | 1           | 1,7200 | 1,7600     | 2    | 10           | 1926          | 22-10-2018         |
| O                | AGN                       | AEGON           | 17-12-2021  | 7,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2500     | 0    | 0            | 3663          | 22-10-2018         |
| O                | AGN                       | AEGON           | 17-12-2021  | 7,0000         | P                 | EUR               | 2,5200 | 2,5200 | 2,5200 | 1           | 2,5200 | 2,5900     | 3    | 10           | 854           | 22-10-2018         |
| O                | AGN                       | AEGON           | 17-12-2021  | 8,0000         | C                 | EUR               | 0,1800 | 0,1800 | 0,1800 | 1           | 0,1800 | 0,1500     | 0    | 3            | 4600          | 22-10-2018         |
| O                | AGN                       | AEGON           | 17-12-2021  | 8,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5100     | 4    | 0            | 775           | 22-10-2018         |
| O                | AGN                       | AEGON           | 17-12-2021  | 10,0000        | C                 | EUR               | 0,0700 | 0,0700 | 0,0700 | 1           | 0,0700 | 0,0600     | 0    | 100          | 5517          | 22-10-2018         |
| O                | AGN                       | AEGON           | 17-12-2021  | 10,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,4500     | 5    | 0            | 317           | 22-10-2018         |
| O                | AGN                       | AEGON           | 16-12-2022  | 3,0000         | C                 | EUR               | 2,4500 | 2,4500 | 2,4500 | 1           | 2,4500 | 2,3800     | 2    | 1            | 1250          | 22-10-2018         |
| O                | AGN                       | AEGON           | 16-12-2022  | 3,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2900     | 0    | 0            | 686           | 22-10-2018         |
| O                | AGN                       | AEGON           | 16-12-2022  | 3,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9000     | 2    | 0            | 778           | 22-10-2018         |
| O                | AGN                       | AEGON           | 16-12-2022  | 3,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4500     | 0    | 0            | 254           | 22-10-2018         |
| O                | AGN                       | AEGON           | 16-12-2022  | 4,0000         | C                 | EUR               | 1,5100 | 1,5100 | 1,5100 | 1           | 1,5100 | 1,4600     | 1    | 100          | 8431          | 22-10-2018         |
| O                | AGN                       | AEGON           | 16-12-2022  | 4,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6600     | 1    | 0            | 3375          | 22-10-2018         |
| O                | AGN                       | AEGON           | 16-12-2022  | 5,0000         | C                 | EUR               | 0,8700 | 0,8700 | 0,8300 | 2</         |        |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name            | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|----------------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | AGN                       | AEGON                      | 16-12-2022  | 8,0000         | C                 | EUR               | 0,2100 | 0,2100 | 0,2100 | 1           | 0,2100 | 0,1900     | 0    | 2            | 2926          | 22-10-2018         |
| O                | AGN                       | AEGON                      | 16-12-2022  | 8,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,7100     | 4    | 0            | 929           | 22-10-2018         |
| O                | AGN                       | AEGON                      | 16-12-2022  | 10,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     | 0    | 0            | 1262          | 22-10-2018         |
| O                | AGN                       | AEGON                      | 16-12-2022  | 10,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,6000     | 6    | 0            | 643           | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 16-11-2018  | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9900     | 4    | 0            | 646           | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 16-11-2018  | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     | 0    | 0            | 336           | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 16-11-2018  | 17,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0100     | 3    | 0            | 121           | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 16-11-2018  | 17,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 0            | 543           | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 16-11-2018  | 17,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5300     | 3    | 0            | 0             | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 16-11-2018  | 17,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     | 0    | 0            | 19727         | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 16-11-2018  | 18,0000        | C                 | EUR               | 2,2400 | 2,2400 | 2,2400 | 1           | 2,2400 | 2,0500     | 2    | 1            | 47            | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 16-11-2018  | 18,0000        | P                 | EUR               | 0,1000 | 0,1100 | 0,0900 | 6           | 0,1100 | 0,1000     | 0    | 64           | 7071          | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 16-11-2018  | 18,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5900     | 2    | 0            | 58            | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 16-11-2018  | 18,5000        | P                 | EUR               | 0,1300 | 0,1300 | 0,1300 | 1           | 0,1300 | 0,1500     | 0    | 1            | 419           | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 16-11-2018  | 19,0000        | C                 | EUR               | 1,2900 | 1,2900 | 1,2900 | 1           | 1,2900 | 1,1600     | 1    | 2            | 2043          | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 16-11-2018  | 19,0000        | P                 | EUR               | 0,1700 | 0,2000 | 0,1700 | 10          | 0,2000 | 0,2100     | 0    | 54           | 18663         | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 16-11-2018  | 19,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7800     | 1    | 0            | 959           | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 16-11-2018  | 19,5000        | P                 | EUR               | 0,2800 | 0,3200 | 0,2600 | 14          | 0,3200 | 0,3300     | 0    | 111          | 7462          | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 16-11-2018  | 20,0000        | C                 | EUR               | 0,5800 | 0,6000 | 0,4800 | 17          | 0,4800 | 0,4800     | 0    | 173          | 4990          | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 16-11-2018  | 20,0000        | P                 | EUR               | 0,4500 | 0,5200 | 0,4200 | 19          | 0,5200 | 0,5300     | 1    | 1151         | 7738          | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 16-11-2018  | 20,5000        | C                 | EUR               | 0,3000 | 0,3400 | 0,2900 | 15          | 0,2900 | 0,2600     | 0    | 113          | 1636          | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 16-11-2018  | 20,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8100     | 1    | 0            | 633           | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 16-11-2018  | 21,0000        | C                 | EUR               | 0,1800 | 0,1800 | 0,1300 | 15          | 0,1300 | 0,1300     | 0    | 62           | 758           | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 16-11-2018  | 21,0000        | P                 | EUR               | 1,0500 | 1,0500 | 1,0500 | 1           | 1,0500 | 1,1800     | 1    | 1            | 456           | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 16-11-2018  | 21,5000        | C                 | EUR               | 0,0800 | 0,0800 | 0,0800 | 4           | 0,0800 | 0,0700     | 0    | 32           | 656           | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 16-11-2018  | 21,5000        | P                 | EUR               | 1,4300 | 1,4300 | 1,4300 | 1           | 1,4300 | 1,6200     | 2    | 1            | 273           | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 16-11-2018  | 22,0000        | C                 | EUR               | 0,0400 | 0,0400 | 0,0400 | 1           | 0,0400 | 0,0400     | 0    | 2            | 285           | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 16-11-2018  | 22,0000        | P                 | EUR               | 1,9500 | 1,9500 | 1,9500 | 1           | 1,9500 | 2,0900     | 2    | 2            | 306           | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 16-11-2018  | 23,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 0             | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 16-11-2018  | 23,0000        | P                 | EUR               | 2,9100 | 2,9100 | 2,9100 | 1           | 2,9100 | 3,0700     | 3    | 1            | 234           | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 16-11-2018  | 24,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 16-11-2018  | 24,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,0600     | 4    | 0            | 10            | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 16-11-2018  | 25,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 16-11-2018  | 25,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,0600     | 5    | 0            | 0             | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 8,0100         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,9400    | 12   | 0            | 75            | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 8,0100         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 75            | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 8,0300         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,9200    | 12   | 0            | 208           | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 8,0300         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 187           | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 10,0200        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,9300     | 10   | 0            | 213           | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 10,0200        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 725           | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 10,0400        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,9100     | 10   | 0            | 165           | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 10,0400        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 1030          | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 12,0200        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,9400     | 8    | 0            | 405           | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 12,0200        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 2198          | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 12,0500        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,9100     | 8    | 0            | 338           | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 12,0500        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 2985          | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 14,0200        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,9600     | 6    | 0            | 526           | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 14,0200        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     | 0    | 0            | 2250          | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 14,0500        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,9400     | 6    | 0            | 575           | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 14,0500        | P                 | EUR               | 0,0500 | 0,0500 | 0,0500 | 1           | 0,0500 | 0,0400     | 0    | 10           | 2937          | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,0100     | 5    | 0            | 608           | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 0            | 8009          | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 15,0200        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,9900     | 5    | 0            | 283           | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 15,0200        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 0            | 1229          | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 15,0500        | C                 | EUR               | 5,1500 | 5,1500 | 5,1500 | 1           | 5,1500 | 4,9800     | 5    | 100          | 1935          | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 15,0500        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 0            | 1919          | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 16,0200        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,0200     | 4    | 0            | 2323          | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 16,0200        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     | 0    | 0            | 8515          | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 17,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0800     | 3    | 0            | 623           | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 17,0000        | P                 | EUR               | 0,1300 | 0,1300 | 0,1300 | 1           | 0,1300 | 0,1300     | 0    | 2            | 10308         | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 18,0000        | C                 | EUR               | 2,3400 | 2,3400 | 2,3400 | 1           | 2,3400 | 2,1500     | 2    | 1            | 5970          | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 18,0000        | P                 | EUR               | 0,1900 | 0,1900 | 0,1900 | 2           | 0,1900 | 0,2100     | 0    | 5            | 25037         | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 18,0300        | C                 | EUR               | 2,3000 | 2,3000 | 2,3000 | 2           | 2,3000 | 2,1200     | 2    | 2            | 6832          | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 18,0300        | P                 | EUR               | 0,2000 | 0,2100 | 0,2000 | 3           | 0,2100 | 0,2100     | 0    | 301          | 2798          | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 18,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7100     | 2    | 0            | 2701          | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 18,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2700     | 0    | 0            | 2274          | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 19,0000        | C                 | EUR               | 1,3000 | 1,3000 | 1,3000 | 11          | 1,3000 | 1,3100     | 1    | 1            | 7204          | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 19,0000        | P                 | EUR               | 0,3300 | 0,3700 | 0,3300 | 11          | 0,3700 | 0,3600     | 0    | 407          | 32967         | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 19,5000        | C                 | EUR               | 1,0900 | 1,0900 | 1,0900 | 1           | 1,0900 | 0,9500     | 1    | 1            | 1398          | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 19,5000        | P                 | EUR               | 0,4500 | 0,4500 | 0,4400 | 7           | 0,4400 | 0,5000     | 1    | 83           | 5105          | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 20,0000        | C                 | EUR               | 0,7300 | 0,7700 | 0,6700 | 10          | 0,6700 | 0,6500     | 1    | 56           | 24781         | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 20,0000        | P                 | EUR               | 0,6400 | 0,6400 | 0,6400 | 1           | 0,6400 | 0,7000     | 1    | 1            | 8500          | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 20,0300        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6300     | 1    | 0            | 3264          | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 20,0300        | P                 | EUR               | 0,7000 | 0,7000 | 0,6900 | 3           | 0,6900 | 0,7200     | 1    | 5            | 4618          | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 20,0800        | C                 | EUR               | 0,7100 | 0,7200 | 0,7100 | 5           | 0,7100 | 0,6000     | 1    | 73           | 4703          | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-1        |                |                   |                   |        |        |        |             |        |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name            | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|----------------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 23,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1000     |      | 3            | 0             | 690 22-10-2018     |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 24,0400        | C                 | EUR               | 0,0200 | 0,0200 | 0,0200 | 2           | 0,0200 | 0,0100     |      | 0            | 10            | 2461 22-10-2018    |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 24,0400        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,1100     |      | 4            | 0             | 3759 22-10-2018    |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 25,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 312 22-10-2018     |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 25,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,0600     |      | 5            | 0             | 868 22-10-2018     |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 25,0400        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 749 22-10-2018     |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 25,0400        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,1000     |      | 5            | 0             | 2728 22-10-2018    |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 26,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 46 22-10-2018      |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 26,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,0600     |      | 6            | 0             | 375 22-10-2018     |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0 22-10-2018       |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,0600     |      | 8            | 0             | 57 22-10-2018      |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 30,0500        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 1726 22-10-2018    |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 30,0500        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,1100    |      | 10           | 0             | 966 22-10-2018     |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 35,0500        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 358 22-10-2018     |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-12-2018  | 35,0500        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,1100    |      | 15           | 0             | 1354 22-10-2018    |
| O                | AH                        | Ahold Delhaize Koninklijke | 18-1-2019   | 17,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1200     |      | 3            | 0             | 0 22-10-2018       |
| O                | AH                        | Ahold Delhaize Koninklijke | 18-1-2019   | 17,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1700     |      | 0            | 0             | 0 22-10-2018       |
| O                | AH                        | Ahold Delhaize Koninklijke | 18-1-2019   | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2000     |      | 2            | 0             | 0 22-10-2018       |
| O                | AH                        | Ahold Delhaize Koninklijke | 18-1-2019   | 18,0000        | P                 | EUR               | 0,2400 | 0,2400 | 0,2400 | 1           | 0,2400 | 0,2600     |      | 0            | 3             | 3 22-10-2018       |
| O                | AH                        | Ahold Delhaize Koninklijke | 18-1-2019   | 19,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3900     |      | 1            | 0             | 0 22-10-2018       |
| O                | AH                        | Ahold Delhaize Koninklijke | 18-1-2019   | 19,0000        | P                 | EUR               | 0,4000 | 0,4100 | 0,4000 | 2           | 0,4100 | 0,4500     |      | 0            | 4             | 4 22-10-2018       |
| O                | AH                        | Ahold Delhaize Koninklijke | 18-1-2019   | 19,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0400     |      | 1            | 0             | 0 22-10-2018       |
| O                | AH                        | Ahold Delhaize Koninklijke | 18-1-2019   | 19,5000        | P                 | EUR               | 0,5300 | 0,5300 | 0,5300 | 1           | 0,5300 | 0,6000     |      | 1            | 10            | 10 22-10-2018      |
| O                | AH                        | Ahold Delhaize Koninklijke | 18-1-2019   | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7500     |      | 1            | 0             | 0 22-10-2018       |
| O                | AH                        | Ahold Delhaize Koninklijke | 18-1-2019   | 20,0000        | P                 | EUR               | 0,7200 | 0,7200 | 0,7200 | 1           | 0,7200 | 0,8000     |      | 1            | 1             | 1 22-10-2018       |
| O                | AH                        | Ahold Delhaize Koninklijke | 18-1-2019   | 20,5900        | C                 | EUR               | 0,5800 | 0,5900 | 0,5800 | 2           | 0,5900 | 0,5100     |      | 1            | 17            | 17 22-10-2018      |
| O                | AH                        | Ahold Delhaize Koninklijke | 18-1-2019   | 20,5900        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0800     |      | 1            | 0             | 0 22-10-2018       |
| O                | AH                        | Ahold Delhaize Koninklijke | 18-1-2019   | 21,0000        | C                 | EUR               | 0,3500 | 0,3500 | 0,3500 | 1           | 0,3500 | 0,3300     |      | 0            | 3             | 3 22-10-2018       |
| O                | AH                        | Ahold Delhaize Koninklijke | 18-1-2019   | 21,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4100     |      | 1            | 0             | 0 22-10-2018       |
| O                | AH                        | Ahold Delhaize Koninklijke | 18-1-2019   | 22,0000        | C                 | EUR               | 0,1500 | 0,1500 | 0,1400 | 2           | 0,1400 | 0,1400     |      | 0            | 4             | 4 22-10-2018       |
| O                | AH                        | Ahold Delhaize Koninklijke | 18-1-2019   | 22,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2100     |      | 2            | 0             | 0 22-10-2018       |
| O                | AH                        | Ahold Delhaize Koninklijke | 18-1-2019   | 23,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     |      | 0            | 0             | 0 22-10-2018       |
| O                | AH                        | Ahold Delhaize Koninklijke | 18-1-2019   | 23,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1300     |      | 3            | 0             | 0 22-10-2018       |
| O                | AH                        | Ahold Delhaize Koninklijke | 15-3-2019   | 12,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,0100     |      | 8            | 0             | 806 22-10-2018     |
| O                | AH                        | Ahold Delhaize Koninklijke | 15-3-2019   | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     |      | 0            | 0             | 377 22-10-2018     |
| O                | AH                        | Ahold Delhaize Koninklijke | 15-3-2019   | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,0400     |      | 6            | 0             | 485 22-10-2018     |
| O                | AH                        | Ahold Delhaize Koninklijke | 15-3-2019   | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1000     |      | 0            | 0             | 597 22-10-2018     |
| O                | AH                        | Ahold Delhaize Koninklijke | 15-3-2019   | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,1300     |      | 4            | 0             | 100 22-10-2018     |
| O                | AH                        | Ahold Delhaize Koninklijke | 15-3-2019   | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1900     |      | 0            | 0             | 1312 22-10-2018    |
| O                | AH                        | Ahold Delhaize Koninklijke | 15-3-2019   | 18,0000        | C                 | EUR               | 2,5300 | 2,5300 | 2,4000 | 2           | 2,4000 | 2,3500     |      | 2            | 2             | 512 22-10-2018     |
| O                | AH                        | Ahold Delhaize Koninklijke | 15-3-2019   | 18,0000        | P                 | EUR               | 0,4100 | 0,4300 | 0,4100 | 3           | 0,4300 | 0,4200     |      | 0            | 6             | 2147 22-10-2018    |
| O                | AH                        | Ahold Delhaize Koninklijke | 15-3-2019   | 19,0000        | C                 | EUR               | 1,7500 | 1,7500 | 1,7500 | 1           | 1,7500 | 1,6000     |      | 2            | 1             | 1203 22-10-2018    |
| O                | AH                        | Ahold Delhaize Koninklijke | 15-3-2019   | 19,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6600     |      | 1            | 0             | 2348 22-10-2018    |
| O                | AH                        | Ahold Delhaize Koninklijke | 15-3-2019   | 20,0000        | C                 | EUR               | 1,0700 | 1,1100 | 0,9900 | 3           | 0,9900 | 0,9900     |      | 1            | 13            | 1456 22-10-2018    |
| O                | AH                        | Ahold Delhaize Koninklijke | 15-3-2019   | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0600     |      | 1            | 0             | 971 22-10-2018     |
| O                | AH                        | Ahold Delhaize Koninklijke | 15-3-2019   | 21,0000        | C                 | EUR               | 0,6200 | 0,6300 | 0,5600 | 6           | 0,5700 | 0,5600     |      | 1            | 95            | 3217 22-10-2018    |
| O                | AH                        | Ahold Delhaize Koninklijke | 15-3-2019   | 21,0000        | P                 | EUR               | 1,5300 | 1,6100 | 1,5300 | 3           | 1,6100 | 1,6300     |      | 2            | 104           | 641 22-10-2018     |
| O                | AH                        | Ahold Delhaize Koninklijke | 15-3-2019   | 22,0000        | C                 | EUR               | 0,3100 | 0,3100 | 0,3100 | 4           | 0,3100 | 0,3000     |      | 0            | 233           | 1222 22-10-2018    |
| O                | AH                        | Ahold Delhaize Koninklijke | 15-3-2019   | 22,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3700     |      | 2            | 0             | 660 22-10-2018     |
| O                | AH                        | Ahold Delhaize Koninklijke | 15-3-2019   | 23,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1600     |      | 0            | 0             | 1265 22-10-2018    |
| O                | AH                        | Ahold Delhaize Koninklijke | 15-3-2019   | 23,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2300     |      | 3            | 0             | 50 22-10-2018      |
| O                | AH                        | Ahold Delhaize Koninklijke | 15-3-2019   | 24,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     |      | 0            | 0             | 327 22-10-2018     |
| O                | AH                        | Ahold Delhaize Koninklijke | 15-3-2019   | 24,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,1600     |      | 4            | 0             | 93 22-10-2018      |
| O                | AH                        | Ahold Delhaize Koninklijke | 15-3-2019   | 26,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     |      | 0            | 0             | 50 22-10-2018      |
| O                | AH                        | Ahold Delhaize Koninklijke | 15-3-2019   | 26,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,1100     |      | 6            | 0             | 796 22-10-2018     |
| O                | AH                        | Ahold Delhaize Koninklijke | 15-3-2019   | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 0             | 0 22-10-2018       |
| O                | AH                        | Ahold Delhaize Koninklijke | 15-3-2019   | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,0900     |      | 8            | 0             | 130 22-10-2018     |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-6-2019   | 10,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,9600     |      | 10           | 0             | 301 22-10-2018     |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-6-2019   | 10,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     |      | 0            | 0             | 1504 22-10-2018    |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-6-2019   | 12,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,0100     |      | 8            | 0             | 143 22-10-2018     |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-6-2019   | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     |      | 0            | 0             | 3152 22-10-2018    |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-6-2019   | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,0600     |      | 6            | 0             | 558 22-10-2018     |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-6-2019   | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1900     |      | 0            | 0             | 667 22-10-2018     |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-6-2019   | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,1500     |      | 4            | 0             | 764 22-10-2018     |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-6-2019   | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3800     |      | 0            | 0             | 4014 22-10-2018    |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-6-2019   | 18,0000        | C                 | EUR               | 2,6000 | 2,6000 | 2,6000 | 1           | 2,6000 | 2,4400     |      | 2            | 45            | 2284 22-10-2018    |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-6-2019   | 18,0000        | P                 | EUR               | 0,7300 | 0,7700 | 0,7300 | 2           | 0,7700 | 0,7900     |      | 1            | 4             | 2285 22-10-2018    |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-6-2019   | 19,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7200     |      | 2            | 0             | 326 22-10-2018     |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-6-2019   | 19,0000        | P                 | EUR               | 1,1400 | 1,1400 | 1,1400 | 1           | 1,1400 | 1,1500     |      | 1            | 2             | 1156 22-10-2018    |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-6-2019   | 20,0000        | C                 | EUR               | 1,2400 | 1,2400 | 1,2400 | 1           | 1,2400 | 1,1200     |      | 1            | 4             | 5936 22-10-2018    |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-6-2019   | 20,0000        | P                 | EUR               | 1,5500 | 1,5500 | 1,5500 | 1           | 1,5500 | 1,6400     |      | 2            | 1             | 1570 22-10-2018    |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-6-2019   | 21,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7000     |      | 1            | 0             | 1719 22-10-2018    |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-6-2019   | 21,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2900     |      | 2            | 0             | 2271 22-10-2018    |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-6-2019   | 22,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4000     |      | 0            | 0             | 2539 22-10-2018    |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-6-2019   | 22,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0400     |      | 3            | 0             | 1721 22-10-2018    |
| O                | AH                        | Ahold Delhaize Koninklijke | 21-6-2019   | 23,0000        | C                 | EUR               | 0,2500 | 0,2500 | 0,2500 | 1           | 0,2500 | 0,2300     |      | 0            | 2             | 176 22-10          |



| Instrument Type* | Instrument Trading Symbol | Instrument Name            | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|----------------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | AH                        | Ahold Delhaize Koninklijke | 20-9-2019   | 12,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,0100     | 8    | 0            | 0             | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 20-9-2019   | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     | 0    | 0            | 71            | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 20-9-2019   | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,0600     | 6    | 0            | 81            | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 20-9-2019   | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2500     | 0    | 0            | 0             | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 20-9-2019   | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,2000     | 4    | 0            | 0             | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 20-9-2019   | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4900     | 0    | 0            | 22            | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 20-9-2019   | 18,0000        | C                 | EUR               | 2,6400 | 2,6400 | 2,6400 | 1           | 2,6400 | 2,5200     | 3    | 8            | 30            | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 20-9-2019   | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9600     | 1    | 0            | 32            | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 20-9-2019   | 19,0000        | C                 | EUR               | 1,9500 | 1,9500 | 1,9500 | 1           | 1,9500 | 1,8100     | 2    | 2            | 123           | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 20-9-2019   | 19,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3400     | 1    | 0            | 1761          | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 20-9-2019   | 20,0000        | C                 | EUR               | 1,3500 | 1,3500 | 1,3500 | 1           | 1,3500 | 1,2400     | 1    | 1            | 35            | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 20-9-2019   | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8300     | 2    | 0            | 35            | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 20-9-2019   | 21,0000        | C                 | EUR               | 0,8800 | 0,8800 | 0,8800 | 1           | 0,8800 | 0,8200     | 1    | 1            | 36            | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 20-9-2019   | 21,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4600     | 2    | 0            | 73            | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 20-9-2019   | 22,0000        | C                 | EUR               | 0,5700 | 0,5700 | 0,5700 | 1           | 0,5700 | 0,5200     | 1    | 1            | 24            | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 20-9-2019   | 22,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1900     | 3    | 0            | 8             | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 20-9-2019   | 24,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2100     | 0    | 0            | 49            | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 20-9-2019   | 24,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,9100     | 5    | 0            | 48            | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 20-9-2019   | 26,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     | 0    | 0            | 0             | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 20-9-2019   | 26,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,7900     | 7    | 0            | 86            | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 20-12-2019  | 8,0100         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,9400    | 12   | 0            | 31            | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 20-12-2019  | 8,0100         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     | 0    | 0            | 298           | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 20-12-2019  | 10,0200        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,9500     | 10   | 0            | 164           | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 20-12-2019  | 10,0200        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     | 0    | 0            | 841           | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 20-12-2019  | 12,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,0100     | 8    | 0            | 368           | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 20-12-2019  | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1700     | 0    | 0            | 3193          | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 20-12-2019  | 14,0200        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,0600     | 6    | 0            | 565           | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 20-12-2019  | 14,0200        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3200     | 0    | 0            | 2265          | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 20-12-2019  | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,1700     | 5    | 0            | 542           | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 20-12-2019  | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4300     | 0    | 0            | 591           | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 20-12-2019  | 15,0200        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,1400     | 5    | 0            | 426           | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 20-12-2019  | 15,0200        | P                 | EUR               | 0,4300 | 0,4400 | 0,4300 | 2           | 0,4400 | 0,4400     | 0    | 27           | 3526          | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 20-12-2019  | 16,0200        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,2200     | 4    | 0            | 5771          | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 20-12-2019  | 16,0200        | P                 | EUR               | 0,5900 | 0,6000 | 0,5900 | 2           | 0,6000 | 0,6100     | 1    | 2            | 2664          | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 20-12-2019  | 18,0000        | C                 | EUR               | 2,7400 | 2,7400 | 2,7400 | 1           | 2,7400 | 2,6100     | 3    | 3            | 4754          | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 20-12-2019  | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1300     | 1    | 0            | 3147          | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 20-12-2019  | 18,0300        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5900     | 3    | 0            | 2831          | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 20-12-2019  | 18,0300        | P                 | EUR               | 1,0900 | 1,0900 | 1,0900 | 1           | 1,0900 | 1,1400     | 1    | 1            | 5317          | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 20-12-2019  | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3900     | 1    | 0            | 1381          | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 20-12-2019  | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0200     | 2    | 0            | 1237          | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 20-12-2019  | 20,0300        | C                 | EUR               | 1,3700 | 1,3700 | 1,3700 | 1           | 1,3700 | 1,3700     | 1    | 1            | 4898          | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 20-12-2019  | 20,0300        | P                 | EUR               | 2,0400 | 2,0400 | 2,0400 | 1           | 2,0400 | 2,0500     | 2    | 3            | 5939          | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 20-12-2019  | 22,0000        | C                 | EUR               | 0,6600 | 0,6600 | 0,6600 | 1           | 0,6600 | 0,6500     | 1    | 1            | 1576          | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 20-12-2019  | 22,0000        | P                 | EUR               | 3,2300 | 3,2300 | 3,2200 | 3           | 3,2200 | 3,3400     | 3    | 9            | 1335          | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 20-12-2019  | 22,0300        | C                 | EUR               | 0,7000 | 0,7000 | 0,7000 | 1           | 0,7000 | 0,6400     | 1    | 100          | 2718          | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 20-12-2019  | 22,0300        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3700     | 3    | 0            | 2820          | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 20-12-2019  | 24,0000        | C                 | EUR               | 0,3100 | 0,3100 | 0,3100 | 1           | 0,3100 | 0,2800     | 0    | 17           | 232           | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 20-12-2019  | 24,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,0300     | 5    | 0            | 101           | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 20-12-2019  | 25,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1900     | 0    | 0            | 186           | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 20-12-2019  | 25,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,8900     | 6    | 0            | 580           | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 20-12-2019  | 25,0400        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1900     | 0    | 0            | 1429          | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 20-12-2019  | 25,0400        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,9300     | 6    | 0            | 3517          | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 20-12-2019  | 30,0500        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 925           | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 20-12-2019  | 30,0500        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,7900    | 11   | 0            | 337           | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 20-12-2019  | 35,0500        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 923           | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 20-12-2019  | 35,0500        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,7800    | 16   | 0            | 426           | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 19-6-2020   | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,1700     | 5    | 0            | 1             | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 19-6-2020   | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7000     | 1    | 0            | 178           | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 19-6-2020   | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,3000     | 4    | 0            | 50            | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 19-6-2020   | 16,0000        | P                 | EUR               | 0,9100 | 0,9100 | 0,9100 | 1           | 0,9100 | 0,9400     | 1    | 6            | 363           | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 19-6-2020   | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7600     | 3    | 0            | 45            | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 19-6-2020   | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6500     | 2    | 0            | 324           | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 19-6-2020   | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5900     | 2    | 0            | 181           | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 19-6-2020   | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6600     | 3    | 0            | 64            | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 19-6-2020   | 22,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8500     | 1    | 0            | 395           | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 19-6-2020   | 22,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,0500     | 4    | 0            | 49            | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 19-6-2020   | 24,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4200     | 0    | 0            | 331           | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 19-6-2020   | 24,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,6800     | 6    | 0            | 0             | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 19-6-2020   | 25,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2900     | 0    | 0            | 374           | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 19-6-2020   | 25,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,5800     | 7    | 0            | 0             | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 18-12-2020  | 8,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,9500    | 12   | 0            | 0             | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 18-12-2020  | 8,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     | 0    | 0            | 74            | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 18-12-2020  | 10,0200        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,9400     | 10   | 0            | 222           | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 18-12-2020  | 10,0200        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1900     | 0    | 0            | 288           | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 18-12-2020  | 12,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,0100     | 8    | 0            | 116           | 22-10-2018         |
| O                | AH                        | Ahold Delhaize Koninklijke | 18-12-2020  | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3800     | 0    | 0            |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name                              | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open    | High    | Low     | Trade Count | Close   | Settlement | EDSP | Total Volume | Open Interest | Open Date       |
|------------------|---------------------------|--|-------------|----------------|-------------------|-------------------|---------|---------|---------|-------------|---------|------------|------|--------------|---------------|-----------------|
| O                | AH                        | Ahold Delhaize Koninklijke                   | 18-12-2020  | 18,0300        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,9000     |      | 2            | 0             | 2929 22-10-2018 |
| O                | AH                        | Ahold Delhaize Koninklijke                   | 18-12-2020  | 20,0000        | C                 | EUR               | 1,8500  | 1,8500  | 1,7800  | 2           | 1,7800  | 1,7500     |      | 2            | 2             | 487 22-10-2018  |
| O                | AH                        | Ahold Delhaize Koninklijke                   | 18-12-2020  | 20,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,9200     |      | 3            | 0             | 501 22-10-2018  |
| O                | AH                        | Ahold Delhaize Koninklijke                   | 18-12-2020  | 20,0300        | C                 | EUR               | 1,8000  | 1,8000  | 1,8000  | 1           | 1,8000  | 1,7300     |      | 2            | 1             | 2235 22-10-2018 |
| O                | AH                        | Ahold Delhaize Koninklijke                   | 18-12-2020  | 20,0300        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,9500     |      | 3            | 0             | 2439 22-10-2018 |
| O                | AH                        | Ahold Delhaize Koninklijke                   | 18-12-2020  | 22,0300        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,0000     |      | 1            | 0             | 651 22-10-2018  |
| O                | AH                        | Ahold Delhaize Koninklijke                   | 18-12-2020  | 22,0300        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,2900     |      | 4            | 0             | 718 22-10-2018  |
| O                | AH                        | Ahold Delhaize Koninklijke                   | 18-12-2020  | 24,0000        | C                 | EUR               | 0,5600  | 0,5600  | 0,5600  | 1           | 0,5600  | 0,5600     |      | 1            | 25            | 57 22-10-2018   |
| O                | AH                        | Ahold Delhaize Koninklijke                   | 18-12-2020  | 24,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,8600     |      | 6            | 0             | 53 22-10-2018   |
| O                | AH                        | Ahold Delhaize Koninklijke                   | 18-12-2020  | 25,0000        | C                 | EUR               | 0,4400  | 0,4400  | 0,4400  | 1           | 0,4400  | 0,4300     |      | 0            | 5             | 350 22-10-2018  |
| O                | AH                        | Ahold Delhaize Koninklijke                   | 18-12-2020  | 25,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,7100     |      | 7            | 0             | 119 22-10-2018  |
| O                | AH                        | Ahold Delhaize Koninklijke                   | 18-12-2020  | 25,0400        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,4200     |      | 0            | 0             | 691 22-10-2018  |
| O                | AH                        | Ahold Delhaize Koninklijke                   | 18-12-2020  | 25,0400        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,7300     |      | 7            | 0             | 515 22-10-2018  |
| O                | AH                        | Ahold Delhaize Koninklijke                   | 18-12-2020  | 30,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1000     |      | 0            | 0             | 116 22-10-2018  |
| O                | AH                        | Ahold Delhaize Koninklijke                   | 18-12-2020  | 30,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 11,4100    |      | 11           | 0             | 70 22-10-2018   |
| O                | AH                        | Ahold Delhaize Koninklijke                   | 18-12-2020  | 30,0500        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1000     |      | 0            | 482           | 22-10-2018      |
| O                | AH                        | Ahold Delhaize Koninklijke                   | 18-12-2020  | 30,0500        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 11,4500    |      | 11           | 0             | 457 22-10-2018  |
| O                | AH                        | Ahold Delhaize Koninklijke                   | 17-12-2021  | 8,0000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 11,9900    |      | 12           | 0             | 13 22-10-2018   |
| O                | AH                        | Ahold Delhaize Koninklijke                   | 17-12-2021  | 8,0000         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1500     |      | 0            | 0             | 349 22-10-2018  |
| O                | AH                        | Ahold Delhaize Koninklijke                   | 17-12-2021  | 10,0000        | C                 | EUR               | 10,0000 | 10,0000 | 10,0000 | 1           | 10,0000 | 9,9900     |      | 10           | 10            | 240 22-10-2018  |
| O                | AH                        | Ahold Delhaize Koninklijke                   | 17-12-2021  | 10,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3200     |      | 0            | 0             | 575 22-10-2018  |
| O                | AH                        | Ahold Delhaize Koninklijke                   | 17-12-2021  | 12,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,0100     |      | 8            | 0             | 365 22-10-2018  |
| O                | AH                        | Ahold Delhaize Koninklijke                   | 17-12-2021  | 12,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,6000     |      | 1            | 0             | 1091 22-10-2018 |
| O                | AH                        | Ahold Delhaize Koninklijke                   | 17-12-2021  | 14,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,0900     |      | 6            | 0             | 443 22-10-2018  |
| O                | AH                        | Ahold Delhaize Koninklijke                   | 17-12-2021  | 14,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,0200     |      | 1            | 0             | 1425 22-10-2018 |
| O                | AH                        | Ahold Delhaize Koninklijke                   | 17-12-2021  | 15,0000        | C                 | EUR               | 5,3500  | 5,4000  | 5,3500  | 3           | 5,4000  | 5,1900     |      | 5            | 7             | 6828 22-10-2018 |
| O                | AH                        | Ahold Delhaize Koninklijke                   | 17-12-2021  | 15,0000        | P                 | EUR               | 1,2900  | 1,3100  | 1,2800  | 4           | 1,3100  | 1,3100     |      | 1            | 13            | 3240 22-10-2018 |
| O                | AH                        | Ahold Delhaize Koninklijke                   | 17-12-2021  | 16,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,3800     |      | 4            | 0             | 1398 22-10-2018 |
| O                | AH                        | Ahold Delhaize Koninklijke                   | 17-12-2021  | 16,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,6500     |      | 2            | 0             | 983 22-10-2018  |
| O                | AH                        | Ahold Delhaize Koninklijke                   | 17-12-2021  | 17,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,6500     |      | 4            | 0             | 99 22-10-2018   |
| O                | AH                        | Ahold Delhaize Koninklijke                   | 17-12-2021  | 17,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,0500     |      | 2            | 0             | 96 22-10-2018   |
| O                | AH                        | Ahold Delhaize Koninklijke                   | 17-12-2021  | 18,0000        | C                 | EUR               | 3,1000  | 3,1000  | 3,1000  | 1           | 3,1000  | 3,0000     |      | 3            | 1             | 1808 22-10-2018 |
| O                | AH                        | Ahold Delhaize Koninklijke                   | 17-12-2021  | 18,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,5100     |      | 3            | 0             | 1396 22-10-2018 |
| O                | AH                        | Ahold Delhaize Koninklijke                   | 17-12-2021  | 20,0000        | C                 | EUR               | 2,0500  | 2,0500  | 2,0000  | 3           | 2,0000  | 1,9700     |      | 2            | 10            | 2635 22-10-2018 |
| O                | AH                        | Ahold Delhaize Koninklijke                   | 17-12-2021  | 20,0000        | P                 | EUR               | 3,5800  | 3,6300  | 3,5800  | 3           | 3,6200  | 3,6300     |      | 4            | 3             | 4485 22-10-2018 |
| O                | AH                        | Ahold Delhaize Koninklijke                   | 17-12-2021  | 22,0000        | C                 | EUR               | 1,3200  | 1,3200  | 1,3200  | 1           | 1,3200  | 1,2500     |      | 1            | 1             | 2490 22-10-2018 |
| O                | AH                        | Ahold Delhaize Koninklijke                   | 17-12-2021  | 22,0000        | P                 | EUR               | 4,9000  | 4,9000  | 4,9000  | 1           | 4,9000  | 5,0300     |      | 5            | 2             | 252 22-10-2018  |
| O                | AH                        | Ahold Delhaize Koninklijke                   | 17-12-2021  | 25,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,5900     |      | 1            | 0             | 3093 22-10-2018 |
| O                | AH                        | Ahold Delhaize Koninklijke                   | 17-12-2021  | 25,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,4600     |      | 7            | 0             | 473 22-10-2018  |
| O                | AH                        | Ahold Delhaize Koninklijke                   | 17-12-2021  | 30,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1700     |      | 0            | 0             | 808 22-10-2018  |
| O                | AH                        | Ahold Delhaize Koninklijke                   | 17-12-2021  | 30,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,0900    |      | 12           | 0             | 340 22-10-2018  |
| O                | AH                        | Ahold Delhaize Koninklijke                   | 16-12-2022  | 10,0000        | C                 | EUR               | 10,0000 | 10,0000 | 10,0000 | 1           | 10,0000 | 9,9600     |      | 10           | 5             | 261 22-10-2018  |
| O                | AH                        | Ahold Delhaize Koninklijke                   | 16-12-2022  | 10,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,4500     |      | 0            | 0             | 721 22-10-2018  |
| O                | AH                        | Ahold Delhaize Koninklijke                   | 16-12-2022  | 15,0000        | C                 | EUR               | 5,4000  | 5,4000  | 5,4000  | 1           | 5,4000  | 5,2400     |      | 5            | 1             | 1507 22-10-2018 |
| O                | AH                        | Ahold Delhaize Koninklijke                   | 16-12-2022  | 15,0000        | P                 | EUR               | 1,6800  | 1,6800  | 1,6800  | 1           | 1,6800  | 1,7200     |      | 2            | 20            | 918 22-10-2018  |
| O                | AH                        | Ahold Delhaize Koninklijke                   | 16-12-2022  | 16,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,4700     |      | 4            | 0             | 433 22-10-2018  |
| O                | AH                        | Ahold Delhaize Koninklijke                   | 16-12-2022  | 16,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,1200     |      | 2            | 0             | 297 22-10-2018  |
| O                | AH                        | Ahold Delhaize Koninklijke                   | 16-12-2022  | 18,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,1500     |      | 3            | 0             | 698 22-10-2018  |
| O                | AH                        | Ahold Delhaize Koninklijke                   | 16-12-2022  | 18,0000        | P                 | EUR               | 3,0600  | 3,0600  | 3,0500  | 3           | 3,0600  | 3,0800     |      | 3            | 3             | 1613 22-10-2018 |
| O                | AH                        | Ahold Delhaize Koninklijke                   | 16-12-2022  | 20,0000        | C                 | EUR               | 2,2100  | 2,2100  | 2,2100  | 1           | 2,2100  | 2,1800     |      | 2            | 1             | 3442 22-10-2018 |
| O                | AH                        | Ahold Delhaize Koninklijke                   | 16-12-2022  | 20,0000        | P                 | EUR               | 4,2000  | 4,2500  | 4,1500  | 4           | 4,2500  | 4,2800     |      | 4            | 21            | 3588 22-10-2018 |
| O                | AH                        | Ahold Delhaize Koninklijke                   | 16-12-2022  | 22,0000        | C                 | EUR               | 1,5500  | 1,5500  | 1,5500  | 2           | 1,5500  | 1,4700     |      | 1            | 10            | 512 22-10-2018  |
| O                | AH                        | Ahold Delhaize Koninklijke                   | 16-12-2022  | 22,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,6700     |      | 6            | 0             | 149 22-10-2018  |
| O                | AH                        | Ahold Delhaize Koninklijke                   | 16-12-2022  | 25,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,7700     |      | 1            | 0             | 748 22-10-2018  |
| O                | AH                        | Ahold Delhaize Koninklijke                   | 16-12-2022  | 25,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,0800     |      | 8            | 0             | 217 22-10-2018  |
| O                | AH                        | Ahold Delhaize Koninklijke                   | 16-12-2022  | 30,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2600     |      | 0            | 0             | 422 22-10-2018  |
| O                | AH                        | Ahold Delhaize Koninklijke                   | 16-12-2022  | 30,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,6100    |      | 13           | 0             | 426 22-10-2018  |
| F                | AH6                       | Ahold Delhaize Koninklijke - Stock Future    | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 19,9498    |      | 20           | 0             | 0 22-10-2018    |
| F                | AH6                       | Ahold Delhaize Koninklijke - Stock Future    | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 19,9442    |      | 20           | 0             | 0 22-10-2018    |
| F                | AH6                       | Ahold Delhaize Koninklijke - Stock Future    | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 19,9400    |      | 20           | 0             | 0 22-10-2018    |
| F                | AH6                       | Ahold Delhaize Koninklijke - Stock Future    | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 19,9320    |      | 20           | 0             | 0 22-10-2018    |
| F                | AH6                       | Ahold Delhaize Koninklijke - Stock Future    | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 19,3321    |      | 19           | 0             | 0 22-10-2018    |
| F                | AH6                       | Ahold Delhaize Koninklijke - Stock Future    | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 19,3227    |      | 19           | 0             | 0 22-10-2018    |
| F                | AH8                       | Ahold Delhaize Koninklijke - Dividend Future | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,6300     |      | 1            | 0             | 0 22-10-2018    |
| F                | AH8                       | Ahold Delhaize Koninklijke - Dividend Future | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,7300     |      | 1            | 0             | 0 22-10-2018    |
| F                | AH8                       | Ahold Delhaize Koninklijke - Dividend Future | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,8000     |      | 1            | 0             | 0 22-10-2018    |
| F                | AH8                       | Ahold Delhaize Koninklijke - Dividend Future | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,8800     |      | 1            | 0             | 0 22-10-2018    |
| F                | AH8                       | Ahold Delhaize Koninklijke - Dividend Future | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,8800     |      | 1            | 0             | 0 22-10-2018    |
| O                | AH9                       | Ahold Delhaize Kon - European Stock Option   | 16-11-2018  | 16,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,9800     |      | 4            | 0             | 0 22-10-2018    |
| O                | AH9                       | Ahold Delhaize Kon - European Stock Option   | 16-11-2018  | 16,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 0 22-10-2018    |
| O                | AH9                       | Ahold Delhaize Kon - European Stock Option   | 16-11-2018  | 17,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,0200     |      | 3            | 0             | 0 22-10-2018    |
| O                | AH9                       | Ahold Delhaize Kon - European Stock Option   | 16-11-2018  | 17,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 0 22-10-2018    |
| O                | AH9                       | Ahold Delhaize Kon - European Stock Option   | 16-11-2018  | 18,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,0500     |      | 2            | 0             | 0 22-10-2018    |
| O                | AH9                       | Ahold Delhaize Kon - European Stock Option   | 16-11-2018  | 18,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1100     |      | 0            | 0             | 0 22-10-2018    |
| O                | AH9                       | Ahold Delhaize Kon - European Stock Option   | 16-11-2018  | 18,5000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,6100     |      | 2            | 0             | 0 22-10-2018    |
| O                | AH9                       | Ahold Delhaize Kon - European Stock Option   | 16-1        |                |                   |                   |         |         |         |             |         |            |      |              |               |                 |



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| Instrument Type* | Instrument Trading Symbol | Instrument Name | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|-----------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | AKO                       | AKZO NOBEL OLD  | 21-12-2018  | 56,8300        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,5900    | 17   | 0            | 7             | 22-10-2018         |
| O                | AKO                       | AKZO NOBEL OLD  | 21-12-2018  | 56,8300        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 0            | 521           | 22-10-2018         |
| O                | AKO                       | AKZO NOBEL OLD  | 21-12-2018  | 66,3000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,4600     | 7    | 0            | 1341          | 22-10-2018         |
| O                | AKO                       | AKZO NOBEL OLD  | 21-12-2018  | 66,3000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3800     | 0    | 0            | 5363          | 22-10-2018         |
| O                | AKO                       | AKZO NOBEL OLD  | 21-12-2018  | 75,7800        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2700     | 1    | 0            | 3802          | 22-10-2018         |
| O                | AKO                       | AKZO NOBEL OLD  | 21-12-2018  | 75,7800        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,6700     | 4    | 0            | 2511          | 22-10-2018         |
| O                | AKO                       | AKZO NOBEL OLD  | 21-12-2018  | 85,2500        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1500     | 0    | 0            | 492           | 22-10-2018         |
| O                | AKO                       | AKZO NOBEL OLD  | 21-12-2018  | 85,2500        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,0700    | 12   | 0            | 158           | 22-10-2018         |
| O                | AKO                       | AKZO NOBEL OLD  | 21-12-2018  | 94,7200        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 797           | 22-10-2018         |
| O                | AKO                       | AKZO NOBEL OLD  | 21-12-2018  | 94,7200        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,4700    | 21   | 0            | 306           | 22-10-2018         |
| O                | AKO                       | AKZO NOBEL OLD  | 21-12-2018  | 113,6600       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 246           | 22-10-2018         |
| O                | AKO                       | AKZO NOBEL OLD  | 21-12-2018  | 113,6600       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 40,3900    | 40   | 0            | 149           | 22-10-2018         |
| O                | AKO                       | AKZO NOBEL OLD  | 21-12-2018  | 142,0800       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 10            | 22-10-2018         |
| O                | AKO                       | AKZO NOBEL OLD  | 21-12-2018  | 142,0800       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 68,8000    | 69   | 0            | 172           | 22-10-2018         |
| O                | AKO                       | AKZO NOBEL OLD  | 21-6-2019   | 28,4200        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 45,2700    | 45   | 0            | 10            | 22-10-2018         |
| O                | AKO                       | AKZO NOBEL OLD  | 21-6-2019   | 28,4200        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | AKO                       | AKZO NOBEL OLD  | 21-6-2019   | 37,8900        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 35,8200    | 36   | 0            | 0             | 22-10-2018         |
| O                | AKO                       | AKZO NOBEL OLD  | 21-6-2019   | 37,8900        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | AKO                       | AKZO NOBEL OLD  | 21-6-2019   | 47,3600        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 26,4000    | 26   | 0            | 0             | 22-10-2018         |
| O                | AKO                       | AKZO NOBEL OLD  | 21-6-2019   | 47,3600        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     | 0    | 0            | 25            | 22-10-2018         |
| O                | AKO                       | AKZO NOBEL OLD  | 21-6-2019   | 56,8300        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,2100    | 17   | 0            | 80            | 22-10-2018         |
| O                | AKO                       | AKZO NOBEL OLD  | 21-6-2019   | 56,8300        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5800     | 1    | 0            | 153           | 22-10-2018         |
| O                | AKO                       | AKZO NOBEL OLD  | 21-6-2019   | 66,3000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,0700     | 9    | 0            | 183           | 22-10-2018         |
| O                | AKO                       | AKZO NOBEL OLD  | 21-6-2019   | 66,3000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3700     | 2    | 0            | 252           | 22-10-2018         |
| O                | AKO                       | AKZO NOBEL OLD  | 21-6-2019   | 75,7800        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,6200     | 4    | 0            | 1259          | 22-10-2018         |
| O                | AKO                       | AKZO NOBEL OLD  | 21-6-2019   | 75,7800        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,8300     | 7    | 0            | 142           | 22-10-2018         |
| O                | AKO                       | AKZO NOBEL OLD  | 21-6-2019   | 85,2500        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2100     | 1    | 0            | 29            | 22-10-2018         |
| O                | AKO                       | AKZO NOBEL OLD  | 21-6-2019   | 85,2500        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,1000    | 14   | 0            | 47            | 22-10-2018         |
| O                | AKO                       | AKZO NOBEL OLD  | 21-6-2019   | 94,7200        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4300     | 0    | 0            | 400           | 22-10-2018         |
| O                | AKO                       | AKZO NOBEL OLD  | 21-6-2019   | 94,7200        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,8400    | 23   | 0            | 34            | 22-10-2018         |
| O                | AKO                       | AKZO NOBEL OLD  | 20-12-2019  | 28,4200        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 45,2700    | 45   | 0            | 0             | 22-10-2018         |
| O                | AKO                       | AKZO NOBEL OLD  | 20-12-2019  | 28,4200        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 131           | 22-10-2018         |
| O                | AKO                       | AKZO NOBEL OLD  | 20-12-2019  | 37,8900        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 35,7700    | 36   | 0            | 26            | 22-10-2018         |
| O                | AKO                       | AKZO NOBEL OLD  | 20-12-2019  | 37,8900        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     | 0    | 0            | 471           | 22-10-2018         |
| O                | AKO                       | AKZO NOBEL OLD  | 20-12-2019  | 42,6200        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 31,0700    | 31   | 0            | 0             | 22-10-2018         |
| O                | AKO                       | AKZO NOBEL OLD  | 20-12-2019  | 42,6200        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1800     | 0    | 0            | 92            | 22-10-2018         |
| O                | AKO                       | AKZO NOBEL OLD  | 20-12-2019  | 47,3600        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 26,3800    | 26   | 0            | 0             | 22-10-2018         |
| O                | AKO                       | AKZO NOBEL OLD  | 20-12-2019  | 47,3600        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3700     | 0    | 0            | 413           | 22-10-2018         |
| O                | AKO                       | AKZO NOBEL OLD  | 20-12-2019  | 52,1000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,8000    | 22   | 0            | 8             | 22-10-2018         |
| O                | AKO                       | AKZO NOBEL OLD  | 20-12-2019  | 52,1000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7400     | 1    | 0            | 348           | 22-10-2018         |
| O                | AKO                       | AKZO NOBEL OLD  | 20-12-2019  | 56,8300        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,4400    | 17   | 0            | 33            | 22-10-2018         |
| O                | AKO                       | AKZO NOBEL OLD  | 20-12-2019  | 56,8300        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3700     | 1    | 0            | 535           | 22-10-2018         |
| O                | AKO                       | AKZO NOBEL OLD  | 20-12-2019  | 66,3000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,9500     | 10   | 0            | 632           | 22-10-2018         |
| O                | AKO                       | AKZO NOBEL OLD  | 20-12-2019  | 66,3000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9000     | 4    | 0            | 574           | 22-10-2018         |
| O                | AKO                       | AKZO NOBEL OLD  | 20-12-2019  | 75,7800        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,9000     | 5    | 0            | 422           | 22-10-2018         |
| O                | AKO                       | AKZO NOBEL OLD  | 20-12-2019  | 75,7800        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,5800     | 9    | 0            | 1187          | 22-10-2018         |
| O                | AKO                       | AKZO NOBEL OLD  | 20-12-2019  | 85,2500        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2200     | 2    | 0            | 142           | 22-10-2018         |
| O                | AKO                       | AKZO NOBEL OLD  | 20-12-2019  | 85,2500        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,4800    | 15   | 0            | 45            | 22-10-2018         |
| O                | AKO                       | AKZO NOBEL OLD  | 20-12-2019  | 94,7200        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0100     | 1    | 0            | 546           | 22-10-2018         |
| O                | AKO                       | AKZO NOBEL OLD  | 20-12-2019  | 94,7200        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 23,8300    | 24   | 0            | 192           | 22-10-2018         |
| O                | AKO                       | AKZO NOBEL OLD  | 20-12-2019  | 113,6600       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2500     | 0    | 0            | 273           | 22-10-2018         |
| O                | AKO                       | AKZO NOBEL OLD  | 20-12-2019  | 113,6600       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 42,0500    | 42   | 0            | 12            | 22-10-2018         |
| O                | AKO                       | AKZO NOBEL OLD  | 20-12-2019  | 142,0800       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 0            | 110           | 22-10-2018         |
| O                | AKO                       | AKZO NOBEL OLD  | 20-12-2019  | 142,0800       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 70,3800    | 70   | 0            | 81            | 22-10-2018         |
| O                | AKO                       | AKZO NOBEL OLD  | 18-12-2020  | 28,4200        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 45,1700    | 45   | 0            | 0             | 22-10-2018         |
| O                | AKO                       | AKZO NOBEL OLD  | 18-12-2020  | 28,4200        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 251           | 22-10-2018         |
| O                | AKO                       | AKZO NOBEL OLD  | 18-12-2020  | 37,8900        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 35,7500    | 36   | 0            | 0             | 22-10-2018         |
| O                | AKO                       | AKZO NOBEL OLD  | 18-12-2020  | 37,8900        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3400     | 0    | 0            | 98            | 22-10-2018         |
| O                | AKO                       | AKZO NOBEL OLD  | 18-12-2020  | 42,6200        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 31,0700    | 31   | 0            | 0             | 22-10-2018         |
| O                | AKO                       | AKZO NOBEL OLD  | 18-12-2020  | 42,6200        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6800     | 1    | 0            | 128           | 22-10-2018         |
| O                | AKO                       | AKZO NOBEL OLD  | 18-12-2020  | 47,3600        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 26,4800    | 26   | 0            | 2             | 22-10-2018         |
| O                | AKO                       | AKZO NOBEL OLD  | 18-12-2020  | 47,3600        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2200     | 1    | 0            | 155           | 22-10-2018         |
| O                | AKO                       | AKZO NOBEL OLD  | 18-12-2020  | 52,1000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,0900    | 22   | 0            | 13            | 22-10-2018         |
| O                | AKO                       | AKZO NOBEL OLD  | 18-12-2020  | 52,1000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0200     | 2    | 0            | 212           | 22-10-2018         |
| O                | AKO                       | AKZO NOBEL OLD  | 18-12-2020  | 56,8300        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,0800    | 18   | 0            | 58            | 22-10-2018         |
| O                | AKO                       | AKZO NOBEL OLD  | 18-12-2020  | 56,8300        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1600     | 3    | 0            | 200           | 22-10-2018         |
| O                | AKO                       | AKZO NOBEL OLD  | 18-12-2020  | 61,5700        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,4700    | 14   | 0            | 102           | 22-10-2018         |
| O                | AKO                       | AKZO NOBEL OLD  | 18-12-2020  | 61,5700        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,6800     | 5    | 0            | 116           | 22-10-2018         |
| O                | AKO                       | AKZO NOBEL OLD  | 18-12-2020  | 66,3000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,4100    | 11   | 0            | 75            | 22-10-2018         |
| O                | AKO                       | AKZO NOBEL OLD  | 18-12-2020  | 66,3000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,6300     | 7    | 0            | 80            | 22-10-2018         |
| O                | AKO                       | AKZO NOBEL OLD  | 18-12-2020  | 71,0400        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,8400     | 9    | 0            | 89            | 22-10-2018         |
| O                | AKO                       | AKZO NOBEL OLD  | 18-12-2020  | 71,0400        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,9800     | 9    | 0            | 37            | 22-10-2018         |
| O                | AKO                       | AKZO NOBEL OLD  | 18-12-2020  | 75,7800        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,7600     | 7    | 0            | 149           | 22-10-2018         |
| O                | AKO                       | AKZO NOBEL OLD  | 18-12-2020  | 75,7800        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,7700    | 12   | 0            | 49            | 22-10-2018         |
| O                | AKO                       | AKZO NOBEL OLD  | 18-12-2020  | 94,7200        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0900     | 2    | 0            | 119           | 22-10-2018         |
| O                | AKO                       | AKZO NOBEL OLD  | 18-12-2020  | 94,7200        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 26,2900    | 26   | 0            | 36            | 22-10-2018         |
| O                |                           |                 |             |                |                   |                   |        |        |        |             |        |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open    | High    | Low     | Trade Count | Close   | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|-----------------|-------------|----------------|-------------------|-------------------|---------|---------|---------|-------------|---------|------------|------|--------------|---------------|--------------------|
| O                | AKO                       | AKZO NOBEL OLD  | 17-12-2021  | 56,8300        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,7500     |      | 5            | 0             | 238 22-10-2018     |
| O                | AKO                       | AKZO NOBEL OLD  | 17-12-2021  | 66,3000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,5400    |      | 13           | 0             | 46 22-10-2018      |
| O                | AKO                       | AKZO NOBEL OLD  | 17-12-2021  | 66,3000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,7600     |      | 9            | 0             | 199 22-10-2018     |
| O                | AKO                       | AKZO NOBEL OLD  | 17-12-2021  | 71,0400        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,1300    |      | 10           | 0             | 141 22-10-2018     |
| O                | AKO                       | AKZO NOBEL OLD  | 17-12-2021  | 71,0400        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 11,2700    |      | 11           | 0             | 69 22-10-2018      |
| O                | AKO                       | AKZO NOBEL OLD  | 17-12-2021  | 75,7800        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,1300     |      | 8            | 0             | 187 22-10-2018     |
| O                | AKO                       | AKZO NOBEL OLD  | 17-12-2021  | 75,7800        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 14,1400    |      | 14           | 0             | 105 22-10-2018     |
| O                | AKO                       | AKZO NOBEL OLD  | 17-12-2021  | 94,7200        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,1000     |      | 3            | 0             | 198 22-10-2018     |
| O                | AKO                       | AKZO NOBEL OLD  | 17-12-2021  | 94,7200        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 28,4300    |      | 28           | 0             | 65 22-10-2018      |
| O                | AKO                       | AKZO NOBEL OLD  | 17-12-2021  | 142,0800       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3100     |      | 0            | 0             | 53 22-10-2018      |
| O                | AKO                       | AKZO NOBEL OLD  | 17-12-2021  | 142,0800       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 73,2800    |      | 73           | 0             | 48 22-10-2018      |
| O                | AKZ                       | AKZO NOBEL      | 16-11-2018  | 60,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 13,3800    |      | 13           | 0             | 0 22-10-2018       |
| O                | AKZ                       | AKZO NOBEL      | 16-11-2018  | 60,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0200     |      | 0            | 0             | 0 22-10-2018       |
| O                | AKZ                       | AKZO NOBEL      | 16-11-2018  | 64,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 9,3900     |      | 9            | 0             | 3 22-10-2018       |
| O                | AKZ                       | AKZO NOBEL      | 16-11-2018  | 64,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0900     |      | 0            | 4             | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 16-11-2018  | 68,0000        | C                 | EUR               | 6,4000  | 6,4000  | 6,3000  | 2           | 6,3000  | 5,5800     |      | 6            | 2             | 6 22-10-2018       |
| O                | AKZ                       | AKZO NOBEL      | 16-11-2018  | 68,0000        | P                 | EUR               | 0,1900  | 0,2100  | 0,1900  | 2           | 0,2100  | 0,2400     |      | 0            | 6             | 60 22-10-2018      |
| O                | AKZ                       | AKZO NOBEL      | 16-11-2018  | 70,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,8300     |      | 4            | 0             | 50 22-10-2018      |
| O                | AKZ                       | AKZO NOBEL      | 16-11-2018  | 70,0000        | P                 | EUR               | 0,4400  | 0,4400  | 0,4300  | 2           | 0,4300  | 0,4600     |      | 0            | 12            | 40 22-10-2018      |
| O                | AKZ                       | AKZO NOBEL      | 16-11-2018  | 72,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,3300     |      | 2            | 0             | 110 22-10-2018     |
| O                | AKZ                       | AKZO NOBEL      | 16-11-2018  | 72,0000        | P                 | EUR               | 0,5800  | 0,9500  | 0,5800  | 13          | 0,9500  | 0,9600     |      | 1            | 64            | 310 22-10-2018     |
| O                | AKZ                       | AKZO NOBEL      | 16-11-2018  | 74,0000        | C                 | EUR               | 1,8400  | 1,8400  | 1,2200  | 10          | 1,3000  | 1,2400     |      | 1            | 92            | 226 22-10-2018     |
| O                | AKZ                       | AKZO NOBEL      | 16-11-2018  | 74,0000        | P                 | EUR               | 1,4600  | 1,9400  | 1,3800  | 16          | 1,9400  | 1,8800     |      | 2            | 318           | 472 22-10-2018     |
| O                | AKZ                       | AKZO NOBEL      | 16-11-2018  | 76,0000        | C                 | EUR               | 1,0200  | 1,0200  | 0,7000  | 8           | 0,7000  | 0,6100     |      | 1            | 44            | 290 22-10-2018     |
| O                | AKZ                       | AKZO NOBEL      | 16-11-2018  | 76,0000        | P                 | EUR               | 2,6500  | 3,0900  | 2,6100  | 13          | 3,0800  | 3,2300     |      | 3            | 49            | 301 22-10-2018     |
| O                | AKZ                       | AKZO NOBEL      | 16-11-2018  | 78,0000        | C                 | EUR               | 0,4200  | 0,4200  | 0,3200  | 7           | 0,3200  | 0,2900     |      | 0            | 80            | 1160 22-10-2018    |
| O                | AKZ                       | AKZO NOBEL      | 16-11-2018  | 78,0000        | P                 | EUR               | 4,7000  | 4,7000  | 4,7000  | 1           | 4,7000  | 4,9100     |      | 5            | 1             | 151 22-10-2018     |
| O                | AKZ                       | AKZO NOBEL      | 16-11-2018  | 80,0000        | C                 | EUR               | 0,2100  | 0,2100  | 0,1700  | 8           | 0,1700  | 0,1600     |      | 0            | 128           | 1918 22-10-2018    |
| O                | AKZ                       | AKZO NOBEL      | 16-11-2018  | 80,0000        | P                 | EUR               | 6,1500  | 6,1500  | 6,0500  | 2           | 6,0500  | 6,7900     |      | 7            | 13            | 292 22-10-2018     |
| O                | AKZ                       | AKZO NOBEL      | 16-11-2018  | 82,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1000     |      | 0            | 0             | 1182 22-10-2018    |
| O                | AKZ                       | AKZO NOBEL      | 16-11-2018  | 82,0000        | P                 | EUR               | 8,4400  | 8,4400  | 8,4400  | 1           | 8,4400  | 8,7200     |      | 9            | 1             | 220 22-10-2018     |
| O                | AKZ                       | AKZO NOBEL      | 16-11-2018  | 84,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0200     |      | 0            | 0             | 167 22-10-2018     |
| O                | AKZ                       | AKZO NOBEL      | 16-11-2018  | 84,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,6900    |      | 11           | 0             | 63 22-10-2018      |
| O                | AKZ                       | AKZO NOBEL      | 16-11-2018  | 86,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 19 22-10-2018      |
| O                | AKZ                       | AKZO NOBEL      | 16-11-2018  | 86,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,6700    |      | 13           | 0             | 13 22-10-2018      |
| O                | AKZ                       | AKZO NOBEL      | 16-11-2018  | 88,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 39 22-10-2018      |
| O                | AKZ                       | AKZO NOBEL      | 16-11-2018  | 88,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 14,6600    |      | 15           | 0             | 181 22-10-2018     |
| O                | AKZ                       | AKZO NOBEL      | 16-11-2018  | 92,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 71 22-10-2018      |
| O                | AKZ                       | AKZO NOBEL      | 16-11-2018  | 92,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 18,6500    |      | 19           | 0             | 200 22-10-2018     |
| O                | AKZ                       | AKZO NOBEL      | 16-11-2018  | 96,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 10 22-10-2018      |
| O                | AKZ                       | AKZO NOBEL      | 16-11-2018  | 96,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 22,6500    |      | 23           | 0             | 20 22-10-2018      |
| O                | AKZ                       | AKZO NOBEL      | 21-12-2018  | 28,4200        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 44,9600    |      | 45           | 0             | 0 22-10-2018       |
| O                | AKZ                       | AKZO NOBEL      | 21-12-2018  | 28,4200        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 552 22-10-2018     |
| O                | AKZ                       | AKZO NOBEL      | 21-12-2018  | 37,8900        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 35,4900    |      | 35           | 0             | 4 22-10-2018       |
| O                | AKZ                       | AKZO NOBEL      | 21-12-2018  | 37,8900        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 1801 22-10-2018    |
| O                | AKZ                       | AKZO NOBEL      | 21-12-2018  | 42,6200        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 30,7600    |      | 31           | 0             | 0 22-10-2018       |
| O                | AKZ                       | AKZO NOBEL      | 21-12-2018  | 42,6200        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 189 22-10-2018     |
| O                | AKZ                       | AKZO NOBEL      | 21-12-2018  | 47,3600        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 26,0200    |      | 26           | 0             | 4 22-10-2018       |
| O                | AKZ                       | AKZO NOBEL      | 21-12-2018  | 47,3600        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 423 22-10-2018     |
| O                | AKZ                       | AKZO NOBEL      | 21-12-2018  | 50,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 23,3900    |      | 23           | 0             | 0 22-10-2018       |
| O                | AKZ                       | AKZO NOBEL      | 21-12-2018  | 50,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0200     |      | 0            | 0             | 23 22-10-2018      |
| O                | AKZ                       | AKZO NOBEL      | 21-12-2018  | 52,1000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 21,2900    |      | 21           | 0             | 16 22-10-2018      |
| O                | AKZ                       | AKZO NOBEL      | 21-12-2018  | 52,1000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0400     |      | 0            | 0             | 1131 22-10-2018    |
| O                | AKZ                       | AKZO NOBEL      | 21-12-2018  | 56,8300        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 16,5900    |      | 17           | 0             | 25 22-10-2018      |
| O                | AKZ                       | AKZO NOBEL      | 21-12-2018  | 56,8300        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0600     |      | 0            | 0             | 567 22-10-2018     |
| O                | AKZ                       | AKZO NOBEL      | 21-12-2018  | 60,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 13,4700    |      | 13           | 0             | 0 22-10-2018       |
| O                | AKZ                       | AKZO NOBEL      | 21-12-2018  | 60,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1100     |      | 0            | 0             | 0 22-10-2018       |
| O                | AKZ                       | AKZO NOBEL      | 21-12-2018  | 64,0000        | C                 | EUR               | 10,0500 | 10,0500 | 10,0500 | 1           | 10,0500 | 9,5800     |      | 10           | 2             | 13 22-10-2018      |
| O                | AKZ                       | AKZO NOBEL      | 21-12-2018  | 64,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2300     |      | 0            | 0             | 0 22-10-2018       |
| O                | AKZ                       | AKZO NOBEL      | 21-12-2018  | 66,3000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,4600     |      | 7            | 0             | 1380 22-10-2018    |
| O                | AKZ                       | AKZO NOBEL      | 21-12-2018  | 66,3000        | P                 | EUR               | 0,3200  | 0,3200  | 0,3200  | 12          | 0,3200  | 0,3800     |      | 0            | 175           | 5394 22-10-2018    |
| O                | AKZ                       | AKZO NOBEL      | 21-12-2018  | 68,0000        | C                 | EUR               | 6,6600  | 6,6600  | 6,6600  | 1           | 6,6600  | 5,9500     |      | 6            | 1             | 173 22-10-2018     |
| O                | AKZ                       | AKZO NOBEL      | 21-12-2018  | 68,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,5800     |      | 1            | 0             | 43 22-10-2018      |
| O                | AKZ                       | AKZO NOBEL      | 21-12-2018  | 70,0000        | C                 | EUR               | 4,9100  | 4,9100  | 4,9100  | 1           | 4,9100  | 4,3800     |      | 4            | 10            | 396 22-10-2018     |
| O                | AKZ                       | AKZO NOBEL      | 21-12-2018  | 70,0000        | P                 | EUR               | 0,7600  | 1,0200  | 0,7600  | 7           | 1,0200  | 0,9900     |      | 1            | 54            | 2455 22-10-2018    |
| O                | AKZ                       | AKZO NOBEL      | 21-12-2018  | 72,0000        | C                 | EUR               | 3,1200  | 3,1200  | 3,1200  | 1           | 3,1200  | 3,0000     |      | 3            | 10            | 1758 22-10-2018    |
| O                | AKZ                       | AKZO NOBEL      | 21-12-2018  | 72,0000        | P                 | EUR               | 1,6700  | 1,6900  | 1,6500  | 3           | 1,6900  | 1,6200     |      | 2            | 6             | 1229 22-10-2018    |
| O                | AKZ                       | AKZO NOBEL      | 21-12-2018  | 74,0000        | C                 | EUR               | 2,5000  | 2,5000  | 2,5000  | 1           | 2,5000  | 1,9600     |      | 2            | 2             | 269 22-10-2018     |
| O                | AKZ                       | AKZO NOBEL      | 21-12-2018  | 74,0000        | P                 | EUR               | 2,1500  | 2,4500  | 2,1400  | 3           | 2,4500  | 2,5800     |      | 3            | 5             | 407 22-10-2018     |
| O                | AKZ                       | AKZO NOBEL      | 21-12-2018  | 75,7800        | C                 | EUR               | 1,4700  | 1,4700  | 1,2800  | 3           | 1,2800  | 1,2700     |      | 1            | 7             | 4581 22-10-2018    |
| O                | AKZ                       | AKZO NOBEL      | 21-12-2018  | 75,7800        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,6700     |      | 4            | 0             | 4870 22-10-2018    |
| O                | AKZ                       | AKZO NOBEL      | 21-12-2018  | 78,0000        | C                 | EUR               | 1,0500  | 1,0500  | 0,7500  | 4           | 0,7500  | 0,7300     |      | 1            | 12            | 219 22-10-2018     |
| O                | AKZ                       | AKZO NOBEL      | 21-12-2018  | 78,0000        | P                 | EUR               | 4,3200  | 4,3200  | 4,3200  | 1           | 4,3200  | 5,3600     |      | 5            | 3             | 714 22-10-2018     |
| O                | AKZ                       | AKZO NOBEL      | 21-12-2018  | 80,0000        | C                 | EUR               | 0,6000  | 0,6000  | 0,4600  | 8           | 0,4600  | 0,4400     |      | 0            | 22            | 7496 22-10-2018    |
| O                | AKZ                       | AKZO NOBEL      | 21-12-2018  | 80,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,0700     |      | 7            | 0             | 1049 22-10-2018    |
| O                | AKZ                       | AKZO NOBEL      | 21-12-2018  | 82,0000        | C                 | EUR               | 0,3100  | 0,3100  | 0,2900  | 3           | 0,2900  | 0,2700     |      | 0            | 13            | 158 22-10-2018     |
| O                | AKZ                       | AKZO NOBEL      |             |                |                   |                   |         |         |         |             |         |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open    | High    | Low     | Trade Count | Close   | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|-----------------|-------------|----------------|-------------------|-------------------|---------|---------|---------|-------------|---------|------------|------|--------------|---------------|--------------------|
| O                | AKZ                       | AKZO NOBEL      | 21-12-2018  | 92,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0600     | 0    | 0            | 104           | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 21-12-2018  | 92,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 18,7500    | 19   | 0            | 0             | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 21-12-2018  | 94,7200        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0500     | 0    | 649          | 0             | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 21-12-2018  | 94,7200        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 21,4700    | 21   | 0            | 368           | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 21-12-2018  | 100,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 10            | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 21-12-2018  | 100,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 26,7400    | 27   | 0            | 227           | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 21-12-2018  | 113,6600       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 221           | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 21-12-2018  | 113,6600       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 40,3900    | 40   | 0            | 179           | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 21-12-2018  | 142,0800       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 10            | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 21-12-2018  | 142,0800       | P                 | EUR               | 68,0500 | 68,0500 | 68,0500 | 1           | 68,0500 | 68,8000    | 69   | 3            | 288           | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 18-1-2019   | 60,0000        | C                 | EUR               | 13,6500 | 13,6500 | 13,6500 | 1           | 13,6500 | 13,5500    | 14   | 1            | 1             | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 18-1-2019   | 60,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1700     | 0    | 0            | 0             | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 18-1-2019   | 64,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 9,7600     | 10   | 0            | 0             | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 18-1-2019   | 64,0000        | P                 | EUR               | 0,2900  | 0,2900  | 0,2900  | 2           | 0,2900  | 0,3700     | 0    | 8            | 8             | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 18-1-2019   | 68,0000        | C                 | EUR               | 6,3500  | 6,3500  | 6,3500  | 1           | 6,3500  | 6,2300     | 6    | 1            | 1             | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 18-1-2019   | 68,0000        | P                 | EUR               | 0,7500  | 0,7500  | 0,7500  | 1           | 0,7500  | 0,8600     | 1    | 1            | 1             | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 18-1-2019   | 72,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,4100     | 3    | 0            | 0             | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 18-1-2019   | 72,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,0500     | 2    | 0            | 0             | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 18-1-2019   | 74,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,3700     | 2    | 0            | 0             | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 18-1-2019   | 74,0000        | P                 | EUR               | 2,4100  | 2,6600  | 2,4100  | 4           | 2,5300  | 3,0100     | 3    | 31           | 30            | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 18-1-2019   | 76,0000        | C                 | EUR               | 1,7900  | 1,8400  | 1,7900  | 2           | 1,8400  | 1,5900     | 2    | 4            | 4             | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 18-1-2019   | 76,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,2300     | 4    | 0            | 0             | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 18-1-2019   | 80,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,6800     | 1    | 0            | 0             | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 18-1-2019   | 80,0000        | P                 | EUR               | 6,6000  | 6,6800  | 6,6000  | 2           | 6,6800  | 7,3500     | 7    | 13           | 13            | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 18-1-2019   | 84,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3100     | 0    | 0            | 0             | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 18-1-2019   | 84,0000        | P                 | EUR               | 9,8500  | 10,9000 | 9,8500  | 2           | 10,9000 | 10,9900    | 11   | 20           | 20            | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 18-1-2019   | 88,0000        | C                 | EUR               | 0,1700  | 0,1700  | 0,1700  | 5           | 0,1700  | 0,1600     | 0    | 20           | 20            | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 18-1-2019   | 88,0000        | P                 | EUR               | 14,3000 | 14,5500 | 14,1000 | 3           | 14,5500 | 14,8500    | 15   | 31           | 31            | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 15-3-2019   | 50,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 23,7300    | 24   | 0            | 16            | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 15-3-2019   | 50,0000        | P                 | EUR               | 0,0600  | 0,0600  | 0,0600  | 1           | 0,0600  | 0,0700     | 0    | 8            | 34            | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 15-3-2019   | 55,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 18,8300    | 19   | 0            | 150           | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 15-3-2019   | 55,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1600     | 0    | 0            | 14            | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 15-3-2019   | 60,0000        | C                 | EUR               | 14,9000 | 14,9000 | 14,9000 | 1           | 14,9000 | 14,0600    | 14   | 1            | 286           | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 15-3-2019   | 60,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3800     | 0    | 0            | 212           | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 15-3-2019   | 70,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,8600     | 6    | 0            | 438           | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 15-3-2019   | 70,0000        | P                 | EUR               | 2,0000  | 2,2000  | 2,0000  | 4           | 2,1500  | 2,2200     | 2    | 19           | 683           | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 15-3-2019   | 75,0000        | C                 | EUR               | 3,6600  | 3,6600  | 3,6600  | 1           | 3,6600  | 3,0900     | 3    | 1            | 163           | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 15-3-2019   | 75,0000        | P                 | EUR               | 3,8600  | 3,9600  | 3,8600  | 4           | 3,8800  | 4,5300     | 5    | 49           | 832           | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 15-3-2019   | 80,0000        | C                 | EUR               | 1,8500  | 1,8500  | 1,4500  | 6           | 1,4500  | 1,5100     | 2    | 9            | 2160          | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 15-3-2019   | 80,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,0400     | 8    | 0            | 1411          | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 15-3-2019   | 85,0000        | C                 | EUR               | 0,8400  | 0,8400  | 0,8000  | 3           | 0,8000  | 0,7200     | 1    | 13           | 472           | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 15-3-2019   | 85,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,3100    | 12   | 0            | 841           | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 15-3-2019   | 90,0000        | C                 | EUR               | 0,4500  | 0,4500  | 0,4500  | 1           | 0,4500  | 0,3700     | 0    | 1            | 158           | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 15-3-2019   | 90,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 16,9900    | 17   | 0            | 532           | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 15-3-2019   | 100,0000       | C                 | EUR               | 0,1800  | 0,1800  | 0,1800  | 4           | 0,1800  | 0,1300     | 0    | 50           | 195           | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 15-3-2019   | 100,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 26,8100    | 27   | 0            | 76            | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 15-3-2019   | 110,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0500     | 0    | 0            | 10            | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 15-3-2019   | 110,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 36,7700    | 37   | 0            | 16            | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 15-3-2019   | 120,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0400     | 0    | 0            | 20            | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 15-3-2019   | 120,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 46,7800    | 47   | 0            | 69            | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 21-6-2019   | 28,4200        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 45,2700    | 45   | 0            | 40            | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 21-6-2019   | 28,4200        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 5             | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 21-6-2019   | 37,8900        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 35,8200    | 36   | 0            | 0             | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 21-6-2019   | 37,8900        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 21-6-2019   | 47,3600        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 26,4000    | 26   | 0            | 0             | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 21-6-2019   | 47,3600        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1200     | 0    | 0            | 36            | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 21-6-2019   | 50,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 23,7700    | 24   | 0            | 40            | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 21-6-2019   | 50,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2000     | 0    | 0            | 0             | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 21-6-2019   | 56,8300        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 17,2100    | 17   | 0            | 127           | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 21-6-2019   | 56,8300        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,5800     | 1    | 0            | 161           | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 21-6-2019   | 66,3000        | C                 | EUR               | 9,6000  | 9,6000  | 9,6000  | 1           | 9,6000  | 9,0700     | 9    | 10           | 301           | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 21-6-2019   | 66,3000        | P                 | EUR               | 2,1800  | 2,1900  | 2,1800  | 2           | 2,1900  | 2,3700     | 2    | 16           | 344           | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 21-6-2019   | 70,0000        | C                 | EUR               | 7,3000  | 7,3000  | 7,3000  | 1           | 7,3000  | 6,5500     | 7    | 10           | 123           | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 21-6-2019   | 70,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,7100     | 4    | 0            | 1367          | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 21-6-2019   | 72,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,3800     | 5    | 0            | 159           | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 21-6-2019   | 72,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,6400     | 5    | 0            | 1688          | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 21-6-2019   | 75,7800        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,6200     | 4    | 0            | 1693          | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 21-6-2019   | 75,7800        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,8300     | 7    | 0            | 802           | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 21-6-2019   | 80,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,2400     | 2    | 0            | 351           | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 21-6-2019   | 80,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 9,7900     | 10   | 0            | 134           | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 21-6-2019   | 85,2500        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,2100     | 1    | 0            | 177           | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 21-6-2019   | 85,2500        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 14,1000    | 14   | 0            | 93            | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 21-6-2019   | 88,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,8700     | 1    | 0            | 1016          | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 21-6-2019   | 88,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 16,5200    | 17   | 0            | 10            | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 21-6-2019   | 90,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,6800     | 1    | 0            | 400           | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 21-6-2019   | 90,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 18,3600    | 18   | 0            | 15            | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 21-6-2019   | 94,7200        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,      |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open    | High    | Low     | Trade Count | Close   | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|-----------------|-------------|----------------|-------------------|-------------------|---------|---------|---------|-------------|---------|------------|------|--------------|---------------|--------------------|
| O                | AKZ                       | AKZO NOBEL      | 20-9-2019   | 50,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3500     | 0    | 0            | 0             | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 20-9-2019   | 55,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 19,0600    | 19   | 0            | 33            | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 20-9-2019   | 55,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,7200     | 1    | 0            | 0             | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 20-9-2019   | 60,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 14,5000    | 15   | 0            | 75            | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 20-9-2019   | 60,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,4200     | 1    | 0            | 12            | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 20-9-2019   | 70,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,1700     | 7    | 0            | 12            | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 20-9-2019   | 70,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,5800     | 5    | 0            | 37            | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 20-9-2019   | 75,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,6400     | 5    | 0            | 3             | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 20-9-2019   | 75,0000        | P                 | EUR               | 6,8000  | 6,8000  | 6,8000  | 1           | 6,8000  | 7,1800     | 7    | 5            | 74            | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 20-9-2019   | 80,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,8900     | 3    | 0            | 21            | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 20-9-2019   | 80,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,5200    | 11   | 0            | 3             | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 20-9-2019   | 85,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,7500     | 2    | 0            | 600           | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 20-9-2019   | 85,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 14,4600    | 14   | 0            | 12            | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 20-9-2019   | 90,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,0600     | 1    | 0            | 13            | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 20-9-2019   | 90,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 18,7700    | 19   | 0            | 40            | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 20-9-2019   | 100,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,4400     | 0    | 0            | 0             | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 20-9-2019   | 100,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 28,1900    | 28   | 0            | 0             | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 20-9-2019   | 110,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2100     | 0    | 0            | 0             | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 20-9-2019   | 110,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 37,9700    | 38   | 0            | 4             | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 20-12-2019  | 28,4200        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 45,2700    | 45   | 0            | 40            | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 20-12-2019  | 28,4200        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0200     | 0    | 0            | 131           | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 20-12-2019  | 37,8900        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 35,7700    | 36   | 0            | 11            | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 20-12-2019  | 37,8900        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1100     | 0    | 0            | 441           | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 20-12-2019  | 42,6200        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 31,0700    | 31   | 0            | 40            | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 20-12-2019  | 42,6200        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1800     | 0    | 0            | 100           | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 20-12-2019  | 47,3600        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 26,3800    | 26   | 0            | 11            | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 20-12-2019  | 47,3600        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3700     | 0    | 0            | 353           | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 20-12-2019  | 52,1000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 21,8000    | 22   | 0            | 106           | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 20-12-2019  | 52,1000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,7400     | 1    | 0            | 420           | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 20-12-2019  | 56,8300        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 17,4400    | 17   | 0            | 190           | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 20-12-2019  | 56,8300        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,3700     | 1    | 0            | 651           | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 20-12-2019  | 66,3000        | C                 | EUR               | 10,3500 | 10,3500 | 10,3500 | 1           | 10,3500 | 9,9500     | 10   | 3            | 1041          | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 20-12-2019  | 66,3000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,9000     | 4    | 0            | 2889          | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 20-12-2019  | 75,7800        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,9000     | 5    | 0            | 503           | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 20-12-2019  | 75,7800        | P                 | EUR               | 8,5000  | 8,5000  | 8,5000  | 1           | 8,5000  | 8,5800     | 9    | 1            | 2097          | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 20-12-2019  | 80,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,4600     | 3    | 0            | 3311          | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 20-12-2019  | 80,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 11,4200    | 11   | 0            | 846           | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 20-12-2019  | 85,2500        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,2200     | 2    | 0            | 1315          | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 20-12-2019  | 85,2500        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 15,4800    | 15   | 0            | 153           | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 20-12-2019  | 90,0000        | C                 | EUR               | 1,7000  | 1,7000  | 1,7000  | 1           | 1,7000  | 1,4900     | 1    | 1            | 219           | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 20-12-2019  | 90,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 19,5500    | 20   | 0            | 8             | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 20-12-2019  | 94,7200        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,0100     | 1    | 0            | 428           | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 20-12-2019  | 94,7200        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 23,8300    | 24   | 0            | 196           | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 20-12-2019  | 113,6600       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2500     | 0    | 0            | 235           | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 20-12-2019  | 113,6600       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 42,0500    | 42   | 0            | 30            | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 20-12-2019  | 142,0800       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0600     | 0    | 0            | 76            | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 20-12-2019  | 142,0800       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 70,3800    | 70   | 0            | 86            | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 19-6-2020   | 50,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 23,9100    | 24   | 0            | 0             | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 19-6-2020   | 50,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,0800     | 1    | 0            | 9             | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 19-6-2020   | 60,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 15,1800    | 15   | 0            | 0             | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 19-6-2020   | 60,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,1800     | 3    | 0            | 625           | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 19-6-2020   | 70,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,5900     | 9    | 0            | 2             | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 19-6-2020   | 70,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,2100     | 7    | 0            | 11            | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 19-6-2020   | 80,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,4000     | 4    | 0            | 47            | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 19-6-2020   | 80,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 13,4100    | 13   | 0            | 6             | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 19-6-2020   | 90,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,1800     | 2    | 0            | 11            | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 19-6-2020   | 90,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 21,3400    | 21   | 0            | 15            | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 19-6-2020   | 100,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,1100     | 1    | 0            | 5             | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 19-6-2020   | 100,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 30,3800    | 30   | 0            | 0             | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 19-6-2020   | 120,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3200     | 0    | 0            | 60            | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 19-6-2020   | 120,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 49,7500    | 50   | 0            | 0             | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 18-12-2020  | 28,4200        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 45,1700    | 45   | 0            | 0             | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 18-12-2020  | 28,4200        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0500     | 0    | 0            | 251           | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 18-12-2020  | 37,8900        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 35,7500    | 36   | 0            | 1             | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 18-12-2020  | 37,8900        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3400     | 0    | 0            | 90            | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 18-12-2020  | 42,6200        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 31,0700    | 31   | 0            | 0             | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 18-12-2020  | 42,6200        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,6800     | 1    | 0            | 117           | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 18-12-2020  | 47,3600        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 26,4800    | 26   | 0            | 7             | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 18-12-2020  | 47,3600        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,2200     | 1    | 0            | 150           | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 18-12-2020  | 52,1000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 22,0900    | 22   | 0            | 19            | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 18-12-2020  | 52,1000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,0200     | 2    | 0            | 271           | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 18-12-2020  | 56,8300        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 18,0800    | 18   | 0            | 73            | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 18-12-2020  | 56,8300        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,1600     | 3    | 0            | 323           | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 18-12-2020  | 61,5700        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 14,4700    | 14   | 0            | 97            | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 18-12-2020  | 61,5700        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,6800     | 5    | 0            | 159           | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 18-12-2020  | 66,3000        | C                 | EUR               | 11,4500 | 11,4500 | 11,4500 | 1           | 11,4500 | 11,4100    | 11   | 1            | 151           | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL      | 18-12-2020  | 66,3000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0       |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name                    | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open    | High    | Low     | Trade Count | Close   | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|------------------------------------|-------------|----------------|-------------------|-------------------|---------|---------|---------|-------------|---------|------------|------|--------------|---------------|--------------------|
| O                | AKZ                       | AKZO NOBEL                         | 18-12-2020  | 94,7200        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,0900     |      | 2            | 0             | 240 22-10-2018     |
| O                | AKZ                       | AKZO NOBEL                         | 18-12-2020  | 94,7200        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 26,2900    |      | 26           | 0             | 45 22-10-2018      |
| O                | AKZ                       | AKZO NOBEL                         | 18-12-2020  | 120,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,4600     |      | 0            | 0             | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL                         | 18-12-2020  | 120,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 50,2000    |      | 50           | 0             | 0 22-10-2018       |
| O                | AKZ                       | AKZO NOBEL                         | 18-12-2020  | 142,0800       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1400     |      | 0            | 93            | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL                         | 18-12-2020  | 142,0800       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 72,0800    |      | 72           | 0             | 11 22-10-2018      |
| O                | AKZ                       | AKZO NOBEL                         | 17-12-2021  | 28,4200        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 45,1900    |      | 45           | 0             | 0 22-10-2018       |
| O                | AKZ                       | AKZO NOBEL                         | 17-12-2021  | 28,4200        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1700     |      | 0            | 0             | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL                         | 17-12-2021  | 37,8900        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 35,8000    |      | 36           | 0             | 4 22-10-2018       |
| O                | AKZ                       | AKZO NOBEL                         | 17-12-2021  | 37,8900        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,7700     |      | 1            | 0             | 283 22-10-2018     |
| O                | AKZ                       | AKZO NOBEL                         | 17-12-2021  | 47,3600        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 26,6300    |      | 27           | 0             | 46 22-10-2018      |
| O                | AKZ                       | AKZO NOBEL                         | 17-12-2021  | 47,3600        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,1800     |      | 2            | 0             | 234 22-10-2018     |
| O                | AKZ                       | AKZO NOBEL                         | 17-12-2021  | 56,8300        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 18,6800    |      | 19           | 0             | 243 22-10-2018     |
| O                | AKZ                       | AKZO NOBEL                         | 17-12-2021  | 56,8300        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,7500     |      | 5            | 0             | 334 22-10-2018     |
| O                | AKZ                       | AKZO NOBEL                         | 17-12-2021  | 66,3000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,5400    |      | 13           | 0             | 96 22-10-2018      |
| O                | AKZ                       | AKZO NOBEL                         | 17-12-2021  | 66,3000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,7600     |      | 9            | 0             | 203 22-10-2018     |
| O                | AKZ                       | AKZO NOBEL                         | 17-12-2021  | 71,0400        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,1300    |      | 10           | 0             | 129 22-10-2018     |
| O                | AKZ                       | AKZO NOBEL                         | 17-12-2021  | 71,0400        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 11,2700    |      | 11           | 0             | 113 22-10-2018     |
| O                | AKZ                       | AKZO NOBEL                         | 17-12-2021  | 75,7800        | C                 | EUR               | 8,3500  | 8,3500  | 8,3500  | 1           | 8,3500  | 8,1300     |      | 8            | 1             | 250 22-10-2018     |
| O                | AKZ                       | AKZO NOBEL                         | 17-12-2021  | 75,7800        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 14,1400    |      | 14           | 0             | 129 22-10-2018     |
| O                | AKZ                       | AKZO NOBEL                         | 17-12-2021  | 80,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,6000     |      | 7            | 0             | 43 22-10-2018      |
| O                | AKZ                       | AKZO NOBEL                         | 17-12-2021  | 80,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 16,9200    |      | 17           | 0             | 15 22-10-2018      |
| O                | AKZ                       | AKZO NOBEL                         | 17-12-2021  | 94,7200        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,1000     |      | 3            | 0             | 261 22-10-2018     |
| O                | AKZ                       | AKZO NOBEL                         | 17-12-2021  | 94,7200        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 28,4300    |      | 28           | 0             | 141 22-10-2018     |
| O                | AKZ                       | AKZO NOBEL                         | 17-12-2021  | 142,0800       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3100     |      | 0            | 33            | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL                         | 17-12-2021  | 142,0800       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 73,2800    |      | 73           | 0             | 35 22-10-2018      |
| O                | AKZ                       | AKZO NOBEL                         | 16-12-2022  | 50,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 24,5400    |      | 25           | 0             | 72 22-10-2018      |
| O                | AKZ                       | AKZO NOBEL                         | 16-12-2022  | 50,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,8900     |      | 4            | 0             | 175 22-10-2018     |
| O                | AKZ                       | AKZO NOBEL                         | 16-12-2022  | 60,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 17,0900    |      | 17           | 0             | 249 22-10-2018     |
| O                | AKZ                       | AKZO NOBEL                         | 16-12-2022  | 60,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,5400     |      | 8            | 0             | 95 22-10-2018      |
| O                | AKZ                       | AKZO NOBEL                         | 16-12-2022  | 70,0000        | C                 | EUR               | 12,1000 | 12,1000 | 11,5600 | 3           | 11,5600 | 11,6000    |      | 12           | 3             | 51 22-10-2018      |
| O                | AKZ                       | AKZO NOBEL                         | 16-12-2022  | 70,0000        | P                 | EUR               | 12,5500 | 12,5600 | 12,5500 | 2           | 12,5600 | 12,5700    |      | 13           | 5             | 113 22-10-2018     |
| O                | AKZ                       | AKZO NOBEL                         | 16-12-2022  | 80,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,7000     |      | 8            | 0             | 276 22-10-2018     |
| O                | AKZ                       | AKZO NOBEL                         | 16-12-2022  | 80,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 18,8900    |      | 19           | 0             | 245 22-10-2018     |
| O                | AKZ                       | AKZO NOBEL                         | 16-12-2022  | 100,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,2400     |      | 3            | 0             | 179 22-10-2018     |
| O                | AKZ                       | AKZO NOBEL                         | 16-12-2022  | 100,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 34,7200    |      | 35           | 0             | 79 22-10-2018      |
| O                | AKZ                       | AKZO NOBEL                         | 16-12-2022  | 120,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,4000     |      | 1            | 0             | 35 22-10-2018      |
| O                | AKZ                       | AKZO NOBEL                         | 16-12-2022  | 120,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 52,9400    |      | 53           | 0             | 0 22-10-2018       |
| O                | AKZ                       | AKZO NOBEL                         | 16-12-2022  | 150,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,4500     |      | 0            | 27            | 22-10-2018         |
| O                | AKZ                       | AKZO NOBEL                         | 16-12-2022  | 150,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 82,0900    |      | 82           | 0             | 40 22-10-2018      |
| O                | ALT                       | Altice ex-event package            | 21-12-2018  | 5,0000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,8400     |      | 4            | 0             | 1679 22-10-2018    |
| O                | ALT                       | Altice ex-event package            | 21-12-2018  | 5,0000         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 635 22-10-2018     |
| O                | ALT                       | Altice ex-event package            | 21-12-2018  | 6,0000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,8500     |      | 3            | 0             | 403 22-10-2018     |
| O                | ALT                       | Altice ex-event package            | 21-12-2018  | 6,0000         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0200     |      | 0            | 0             | 1227 22-10-2018    |
| O                | ALT                       | Altice ex-event package            | 21-12-2018  | 7,0000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,8500     |      | 2            | 0             | 371 22-10-2018     |
| O                | ALT                       | Altice ex-event package            | 21-12-2018  | 7,0000         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0700     |      | 0            | 0             | 592 22-10-2018     |
| O                | ALT                       | Altice ex-event package            | 21-12-2018  | 7,5000         | C                 | EUR               | 1,5700  | 1,5700  | 1,5700  | 1           | 1,5700  | 1,4400     |      | 1            | 2             | 1943 22-10-2018    |
| O                | ALT                       | Altice ex-event package            | 21-12-2018  | 7,5000         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1300     |      | 0            | 0             | 677 22-10-2018     |
| O                | ALT                       | Altice ex-event package            | 21-12-2018  | 8,0000         | C                 | EUR               | 1,1000  | 1,1000  | 1,0300  | 2           | 1,0300  | 1,0600     |      | 1            | 11            | 21313 22-10-2018   |
| O                | ALT                       | Altice ex-event package            | 21-12-2018  | 8,0000         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2300     |      | 0            | 0             | 1056 22-10-2018    |
| O                | ALT                       | Altice ex-event package            | 21-12-2018  | 8,5000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,7100     |      | 1            | 0             | 2237 22-10-2018    |
| O                | ALT                       | Altice ex-event package            | 21-12-2018  | 8,5000         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3900     |      | 0            | 0             | 1148 22-10-2018    |
| O                | ALT                       | Altice ex-event package            | 21-12-2018  | 9,0000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,4400     |      | 0            | 0             | 1973 22-10-2018    |
| O                | ALT                       | Altice ex-event package            | 21-12-2018  | 9,0000         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,6400     |      | 1            | 0             | 7697 22-10-2018    |
| O                | ALT                       | Altice ex-event package            | 21-12-2018  | 9,5000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2800     |      | 0            | 0             | 4999 22-10-2018    |
| O                | ALT                       | Altice ex-event package            | 21-12-2018  | 9,5000         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,9600     |      | 1            | 0             | 2128 22-10-2018    |
| O                | ALT                       | Altice ex-event package            | 21-12-2018  | 10,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1700     |      | 0            | 0             | 1432 22-10-2018    |
| O                | ALT                       | Altice ex-event package            | 21-12-2018  | 10,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,3500     |      | 1            | 0             | 664 22-10-2018     |
| O                | ALT                       | Altice ex-event package            | 21-12-2018  | 11,0000        | C                 | EUR               | 0,0600  | 0,0600  | 0,0600  | 1           | 0,0600  | 0,0600     |      | 2            | 2             | 2208 22-10-2018    |
| O                | ALT                       | Altice ex-event package            | 21-12-2018  | 11,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,2500     |      | 2            | 0             | 327 22-10-2018     |
| O                | ALT                       | Altice ex-event package            | 21-12-2018  | 12,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0200     |      | 0            | 0             | 11424 22-10-2018   |
| O                | ALT                       | Altice ex-event package            | 21-12-2018  | 12,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,2200     |      | 3            | 0             | 388 22-10-2018     |
| O                | ALT                       | Altice ex-event package            | 21-12-2018  | 14,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 928 22-10-2018     |
| O                | ALT                       | Altice ex-event package            | 21-12-2018  | 14,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,2000     |      | 5            | 0             | 840 22-10-2018     |
| O                | ALT                       | Altice ex-event package            | 21-12-2018  | 16,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 352 22-10-2018     |
| O                | ALT                       | Altice ex-event package            | 21-12-2018  | 16,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,1800     |      | 7            | 0             | 225 22-10-2018     |
| O                | ALT                       | Altice ex-event package            | 21-12-2018  | 17,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 253 22-10-2018     |
| O                | ALT                       | Altice ex-event package            | 21-12-2018  | 17,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,1800     |      | 8            | 0             | 88 22-10-2018      |
| O                | ALT                       | Altice ex-event package            | 21-12-2018  | 18,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 127 22-10-2018     |
| O                | ALT                       | Altice ex-event package            | 21-12-2018  | 18,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 9,1800     |      | 9            | 0             | 244 22-10-2018     |
| O                | ALT                       | Altice ex-event package            | 21-12-2018  | 19,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 73 22-10-2018      |
| O                | ALT                       | Altice ex-event package            | 21-12-2018  | 19,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,1800    |      | 10           | 0             | 25 22-10-2018      |
| O                | ALT                       | Altice ex-event package            | 21-12-2018  | 20,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 232 22-10-2018     |
| O                | ALT                       | Altice ex-event package            | 21-12-2018  | 20,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 11,1800    |      | 11           | 0             | 220 22-10-2018     |
| F                | AM6                       | Amadeus IT Group SA - Stock Future | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 72,8200    |      | 73           | 0             | 0 22-10-2018       |
| F                | AM6                       | Amadeus IT Group SA - Stock Future | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 72,7921    |      | 73           | 0             | 0 22-10-2018       |
| F                | AM6                       | Amadeus IT Group SA - Stock Future | 18-1-2019   | 0,0000         |                   |                   |         |         |         |             |         |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|-----------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | AMG                       | AMG N.V.        | 16-11-2018  | 29,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,0700    | 11   | 0            | 0             | 22-10-2018         |
| O                | AMG                       | AMG N.V.        | 16-11-2018  | 29,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 0             | 22-10-2018         |
| O                | AMG                       | AMG N.V.        | 16-11-2018  | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,0900    | 10   | 0            | 0             | 22-10-2018         |
| O                | AMG                       | AMG N.V.        | 16-11-2018  | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     | 0    | 0            | 0             | 22-10-2018         |
| O                | AMG                       | AMG N.V.        | 16-11-2018  | 32,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,2000     | 8    | 0            | 41            | 22-10-2018         |
| O                | AMG                       | AMG N.V.        | 16-11-2018  | 32,0000        | P                 | EUR               | 0,1900 | 0,1900 | 0,1900 | 1           | 0,1900 | 0,1900     | 0    | 1            | 100           | 22-10-2018         |
| O                | AMG                       | AMG N.V.        | 16-11-2018  | 34,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,3300     | 6    | 0            | 17            | 22-10-2018         |
| O                | AMG                       | AMG N.V.        | 16-11-2018  | 34,0000        | P                 | EUR               | 0,3100 | 0,3300 | 0,3100 | 4           | 0,3300 | 0,3200     | 0    | 102          | 228           | 22-10-2018         |
| O                | AMG                       | AMG N.V.        | 16-11-2018  | 35,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,4600     | 5    | 0            | 10            | 22-10-2018         |
| O                | AMG                       | AMG N.V.        | 16-11-2018  | 35,0000        | P                 | EUR               | 0,4800 | 0,4800 | 0,4200 | 2           | 0,4200 | 0,4500     | 0    | 3            | 121           | 22-10-2018         |
| O                | AMG                       | AMG N.V.        | 16-11-2018  | 36,0000        | C                 | EUR               | 4,6000 | 4,6000 | 4,6000 | 1           | 4,6000 | 4,6100     | 5    | 1            | 131           | 22-10-2018         |
| O                | AMG                       | AMG N.V.        | 16-11-2018  | 36,0000        | P                 | EUR               | 0,6500 | 0,6500 | 0,6000 | 4           | 0,6000 | 0,6000     | 6    | 741          | 22-10-2018    |                    |
| O                | AMG                       | AMG N.V.        | 16-11-2018  | 37,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8300     | 4    | 0            | 76            | 22-10-2018         |
| O                | AMG                       | AMG N.V.        | 16-11-2018  | 37,0000        | P                 | EUR               | 0,8000 | 0,8000 | 0,8000 | 2           | 0,8000 | 0,8200     | 1    | 4            | 129           | 22-10-2018         |
| O                | AMG                       | AMG N.V.        | 16-11-2018  | 38,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1400     | 3    | 0            | 108           | 22-10-2018         |
| O                | AMG                       | AMG N.V.        | 16-11-2018  | 38,0000        | P                 | EUR               | 1,1000 | 1,1000 | 1,1000 | 2           | 1,1000 | 1,1300     | 1    | 10           | 310           | 22-10-2018         |
| O                | AMG                       | AMG N.V.        | 16-11-2018  | 39,0000        | C                 | EUR               | 2,7500 | 2,7500 | 2,7500 | 1           | 2,7500 | 2,5000     | 3    | 1            | 230           | 22-10-2018         |
| O                | AMG                       | AMG N.V.        | 16-11-2018  | 39,0000        | P                 | EUR               | 1,3700 | 1,4000 | 1,3700 | 4           | 1,4000 | 1,4900     | 1    | 52           | 198           | 22-10-2018         |
| O                | AMG                       | AMG N.V.        | 16-11-2018  | 40,0000        | C                 | EUR               | 2,1000 | 2,1000 | 1,9500 | 4           | 2,0000 | 1,9400     | 2    | 10           | 241           | 22-10-2018         |
| O                | AMG                       | AMG N.V.        | 16-11-2018  | 40,0000        | P                 | EUR               | 1,8000 | 1,8000 | 1,8000 | 1           | 1,8000 | 1,9300     | 2    | 1            | 445           | 22-10-2018         |
| O                | AMG                       | AMG N.V.        | 16-11-2018  | 41,0000        | C                 | EUR               | 1,5200 | 1,6500 | 1,4500 | 9           | 1,6500 | 1,4600     | 1    | 63           | 74            | 22-10-2018         |
| O                | AMG                       | AMG N.V.        | 16-11-2018  | 41,0000        | P                 | EUR               | 2,5000 | 2,5000 | 2,3500 | 9           | 2,3500 | 2,4500     | 2    | 10           | 55            | 22-10-2018         |
| O                | AMG                       | AMG N.V.        | 16-11-2018  | 42,0000        | C                 | EUR               | 1,2500 | 1,3000 | 1,1500 | 8           | 1,2000 | 1,1400     | 1    | 16           | 122           | 22-10-2018         |
| O                | AMG                       | AMG N.V.        | 16-11-2018  | 42,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1300     | 3    | 0            | 326           | 22-10-2018         |
| O                | AMG                       | AMG N.V.        | 16-11-2018  | 43,0000        | C                 | EUR               | 0,9500 | 0,9500 | 0,8500 | 9           | 0,9300 | 0,8700     | 1    | 38           | 110           | 22-10-2018         |
| O                | AMG                       | AMG N.V.        | 16-11-2018  | 43,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8600     | 4    | 0            | 20            | 22-10-2018         |
| O                | AMG                       | AMG N.V.        | 16-11-2018  | 44,0000        | C                 | EUR               | 0,7500 | 0,7500 | 0,6500 | 9           | 0,7000 | 0,6700     | 1    | 16           | 230           | 22-10-2018         |
| O                | AMG                       | AMG N.V.        | 16-11-2018  | 44,0000        | P                 | EUR               | 4,7000 | 4,7000 | 4,6500 | 4           | 4,7000 | 4,6600     | 5    | 4            | 24            | 22-10-2018         |
| O                | AMG                       | AMG N.V.        | 16-11-2018  | 45,0000        | C                 | EUR               | 0,5000 | 0,5600 | 0,4700 | 11          | 0,5600 | 0,5000     | 1    | 465          | 1001          | 22-10-2018         |
| O                | AMG                       | AMG N.V.        | 16-11-2018  | 45,0000        | P                 | EUR               | 5,2500 | 5,5000 | 5,1500 | 10          | 5,1500 | 5,5000     | 6    | 10           | 41            | 22-10-2018         |
| O                | AMG                       | AMG N.V.        | 16-11-2018  | 46,0000        | C                 | EUR               | 0,4500 | 0,4500 | 0,4100 | 3           | 0,4100 | 0,3900     | 0    | 8            | 118           | 22-10-2018         |
| O                | AMG                       | AMG N.V.        | 16-11-2018  | 46,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,3800     | 6    | 0            | 41            | 22-10-2018         |
| O                | AMG                       | AMG N.V.        | 16-11-2018  | 48,0000        | C                 | EUR               | 0,2500 | 0,2500 | 0,2200 | 5           | 0,2200 | 0,2300     | 0    | 23           | 94            | 22-10-2018         |
| O                | AMG                       | AMG N.V.        | 16-11-2018  | 48,0000        | P                 | EUR               | 7,8000 | 7,8000 | 7,8000 | 1           | 7,8000 | 8,2300     | 8    | 2            | 86            | 22-10-2018         |
| O                | AMG                       | AMG N.V.        | 16-11-2018  | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1500     | 0    | 0            | 168           | 22-10-2018         |
| O                | AMG                       | AMG N.V.        | 16-11-2018  | 50,0000        | P                 | EUR               | 9,9500 | 9,9500 | 9,9500 | 1           | 9,9500 | 10,1400    | 10   | 1            | 77            | 22-10-2018         |
| O                | AMG                       | AMG N.V.        | 16-11-2018  | 52,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     | 0    | 0            | 147           | 22-10-2018         |
| O                | AMG                       | AMG N.V.        | 16-11-2018  | 52,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,1100    | 12   | 0            | 48            | 22-10-2018         |
| O                | AMG                       | AMG N.V.        | 21-12-2018  | 26,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,1000    | 14   | 0            | 64            | 22-10-2018         |
| O                | AMG                       | AMG N.V.        | 21-12-2018  | 26,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     | 0    | 0            | 71            | 22-10-2018         |
| O                | AMG                       | AMG N.V.        | 21-12-2018  | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,1500    | 12   | 0            | 64            | 22-10-2018         |
| O                | AMG                       | AMG N.V.        | 21-12-2018  | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1500     | 0    | 0            | 99            | 22-10-2018         |
| O                | AMG                       | AMG N.V.        | 21-12-2018  | 29,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,2000    | 11   | 0            | 0             | 22-10-2018         |
| O                | AMG                       | AMG N.V.        | 21-12-2018  | 29,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1900     | 0    | 0            | 1             | 22-10-2018         |
| O                | AMG                       | AMG N.V.        | 21-12-2018  | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,2500    | 10   | 0            | 80            | 22-10-2018         |
| O                | AMG                       | AMG N.V.        | 21-12-2018  | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2400     | 0    | 0            | 243           | 22-10-2018         |
| O                | AMG                       | AMG N.V.        | 21-12-2018  | 32,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,4200     | 8    | 0            | 82            | 22-10-2018         |
| O                | AMG                       | AMG N.V.        | 21-12-2018  | 32,0000        | P                 | EUR               | 0,3600 | 0,3600 | 0,3600 | 1           | 0,3600 | 0,4200     | 0    | 2            | 346           | 22-10-2018         |
| O                | AMG                       | AMG N.V.        | 21-12-2018  | 34,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,6800     | 7    | 0            | 42            | 22-10-2018         |
| O                | AMG                       | AMG N.V.        | 21-12-2018  | 34,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6800     | 1    | 0            | 258           | 22-10-2018         |
| O                | AMG                       | AMG N.V.        | 21-12-2018  | 35,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,8600     | 6    | 0            | 0             | 22-10-2018         |
| O                | AMG                       | AMG N.V.        | 21-12-2018  | 35,0000        | P                 | EUR               | 0,8500 | 0,8500 | 0,8000 | 2           | 0,8000 | 0,8600     | 1    | 5            | 5             | 22-10-2018         |
| O                | AMG                       | AMG N.V.        | 21-12-2018  | 36,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,1000     | 5    | 0            | 229           | 22-10-2018         |
| O                | AMG                       | AMG N.V.        | 21-12-2018  | 36,0000        | P                 | EUR               | 1,1900 | 1,1900 | 1,1900 | 1           | 1,1900 | 1,1000     | 1    | 10           | 560           | 22-10-2018         |
| O                | AMG                       | AMG N.V.        | 21-12-2018  | 37,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,4000     | 4    | 0            | 22            | 22-10-2018         |
| O                | AMG                       | AMG N.V.        | 21-12-2018  | 37,0000        | P                 | EUR               | 1,3000 | 1,3000 | 1,2000 | 3           | 1,2000 | 1,4000     | 1    | 3            | 49            | 22-10-2018         |
| O                | AMG                       | AMG N.V.        | 21-12-2018  | 38,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,7400     | 4    | 0            | 541           | 22-10-2018         |
| O                | AMG                       | AMG N.V.        | 21-12-2018  | 38,0000        | P                 | EUR               | 1,7000 | 1,7500 | 1,5500 | 20          | 1,7500 | 1,7400     | 2    | 221          | 581           | 22-10-2018         |
| O                | AMG                       | AMG N.V.        | 21-12-2018  | 39,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1500     | 3    | 0            | 24            | 22-10-2018         |
| O                | AMG                       | AMG N.V.        | 21-12-2018  | 39,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1600     | 2    | 0            | 68            | 22-10-2018         |
| O                | AMG                       | AMG N.V.        | 21-12-2018  | 40,0000        | C                 | EUR               | 2,7000 | 2,7000 | 2,6000 | 2           | 2,6000 | 2,6000     | 3    | 3            | 791           | 22-10-2018         |
| O                | AMG                       | AMG N.V.        | 21-12-2018  | 40,0000        | P                 | EUR               | 2,4500 | 2,5000 | 2,4500 | 6           | 2,5000 | 2,6100     | 3    | 200          | 1182          | 22-10-2018         |
| O                | AMG                       | AMG N.V.        | 21-12-2018  | 41,0000        | C                 | EUR               | 2,2500 | 2,2500 | 2,2500 | 1           | 2,2500 | 2,1700     | 2    | 1            | 38            | 22-10-2018         |
| O                | AMG                       | AMG N.V.        | 21-12-2018  | 41,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1700     | 3    | 0            | 3             | 22-10-2018         |
| O                | AMG                       | AMG N.V.        | 21-12-2018  | 42,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8100     | 2    | 0            | 548           | 22-10-2018         |
| O                | AMG                       | AMG N.V.        | 21-12-2018  | 42,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8100     | 4    | 0            | 742           | 22-10-2018         |
| O                | AMG                       | AMG N.V.        | 21-12-2018  | 44,0000        | C                 | EUR               | 1,2500 | 1,3000 | 1,2500 | 3           | 1,3000 | 1,2400     | 1    | 6            | 217           | 22-10-2018         |
| O                | AMG                       | AMG N.V.        | 21-12-2018  | 44,0000        | P                 | EUR               | 5,2000 | 5,4000 | 5,1000 | 9           | 5,2500 | 5,2500     | 5    | 11           | 653           | 22-10-2018         |
| O                | AMG                       | AMG N.V.        | 21-12-2018  | 45,0000        | C                 | EUR               | 1,0500 | 1,1000 | 1,0500 | 4           | 1,1000 | 1,0300     | 1    | 8            | 484           | 22-10-2018         |
| O                | AMG                       | AMG N.V.        | 21-12-2018  | 45,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,0400     | 6    | 0            | 380           | 22-10-2018         |
| O                | AMG                       | AMG N.V.        | 21-12-2018  | 46,0000        | C                 | EUR               | 0,8000 | 0,8500 | 0,8000 | 2           | 0,8500 | 0,8500     | 1    | 2            | 379           | 22-10-2018         |
| O                | AMG                       | AMG N.V.        | 21-12-2018  | 46,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,8600     | 7    | 0            | 407           | 22-10-2018         |
| O                | AMG                       | AMG N.V.        | 21-12-2018  | 48,0000        | C                 | EUR               | 0,6000 | 0,6500 | 0,6000 | 6           | 0,6500 | 0,5700     | 1    | 96           | 942           | 22-10-2018         |
| O                | AMG                       | AMG N.V.        | 21-12-2018  | 48,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,5800     | 9    | 0            | 147           | 22-10-2018         |
| O                | AMG                       | AMG N.V.        | 21-12-2018  | 50,0000        | C                 | EUR               | 0,3800 | 0,4800 | 0,3800 | 11          | 0,4600 | 0,4300     | 0    | 214          | 758           | 22-10-2018         |
| O                | AMG                       | AMG N.V.        | 21-12-2018  | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,4400    | 10   | 0            | 508           | 22-10-2018         |
| O                | AMG                       | AMG N.V.        | 21-12-2018  | 52,0000        | C                 | EUR               | 0      |        |        |             |        |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open    | High   | Low    | Trade Count | Close  | Settlement | EDSP   | Total Volume | Open Interest | Open Interest Date |            |
|------------------|---------------------------|-----------------|-------------|----------------|-------------------|-------------------|---------|--------|--------|-------------|--------|------------|--------|--------------|---------------|--------------------|------------|
| O                | AMG                       | AMG N.V.        | 21-12-2018  | 60,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 20,1300    | 20     | 0            | 127           | 22-10-2018         |            |
| O                | AMG                       | AMG N.V.        | 21-12-2018  | 70,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     | 0      | 0            | 228           | 22-10-2018         |            |
| O                | AMG                       | AMG N.V.        | 21-12-2018  | 70,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 30,0700    | 30     | 0            | 13            | 22-10-2018         |            |
| O                | AMG                       | AMG N.V.        | 21-12-2018  | 80,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0      | 0            | 81            | 22-10-2018         |            |
| O                | AMG                       | AMG N.V.        | 21-12-2018  | 80,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 40,0400    | 40     | 0            | 0             | 22-10-2018         |            |
| O                | AMG                       | AMG N.V.        | 18-1-2019   | 34,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 6,9100     | 7      | 0            | 0             | 22-10-2018         |            |
| O                | AMG                       | AMG N.V.        | 18-1-2019   | 34,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,9200     | 1      | 0            | 0             | 22-10-2018         |            |
| O                | AMG                       | AMG N.V.        | 18-1-2019   | 36,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 5,4000     | 5      | 0            | 0             | 22-10-2018         |            |
| O                | AMG                       | AMG N.V.        | 18-1-2019   | 36,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,4100     | 1      | 0            | 0             | 22-10-2018         |            |
| O                | AMG                       | AMG N.V.        | 18-1-2019   | 38,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 4,0900     | 4      | 0            | 0             | 22-10-2018         |            |
| O                | AMG                       | AMG N.V.        | 18-1-2019   | 38,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,1100     | 2      | 0            | 0             | 22-10-2018         |            |
| O                | AMG                       | AMG N.V.        | 18-1-2019   | 39,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 3,5100     | 4      | 0            | 0             | 22-10-2018         |            |
| O                | AMG                       | AMG N.V.        | 18-1-2019   | 39,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,5300     | 3      | 0            | 0             | 22-10-2018         |            |
| O                | AMG                       | AMG N.V.        | 18-1-2019   | 40,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 3,0100     | 3      | 0            | 0             | 22-10-2018         |            |
| O                | AMG                       | AMG N.V.        | 18-1-2019   | 40,0000        | P                 | EUR               | 2,9500  | 2,9500 | 2,9500 | -           | 3      | 2,9500     | 3,0300 | 3            | 50            | 50                 | 22-10-2018 |
| O                | AMG                       | AMG N.V.        | 18-1-2019   | 41,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,6000     | 3      | 0            | 0             | 22-10-2018         |            |
| O                | AMG                       | AMG N.V.        | 18-1-2019   | 41,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 3,6200     | 4      | 0            | 0             | 22-10-2018         |            |
| O                | AMG                       | AMG N.V.        | 18-1-2019   | 42,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,2500     | 2      | 0            | 0             | 22-10-2018         |            |
| O                | AMG                       | AMG N.V.        | 18-1-2019   | 42,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 4,2700     | 4      | 0            | 0             | 22-10-2018         |            |
| O                | AMG                       | AMG N.V.        | 18-1-2019   | 44,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,5900     | 2      | 0            | 0             | 22-10-2018         |            |
| O                | AMG                       | AMG N.V.        | 18-1-2019   | 44,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 5,6200     | 6      | 0            | 0             | 22-10-2018         |            |
| O                | AMG                       | AMG N.V.        | 18-1-2019   | 46,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,1600     | 1      | 0            | 0             | 22-10-2018         |            |
| O                | AMG                       | AMG N.V.        | 18-1-2019   | 46,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 7,1900     | 7      | 0            | 0             | 22-10-2018         |            |
| O                | AMG                       | AMG N.V.        | 15-3-2019   | 26,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 14,2800    | 14     | 0            | 0             | 22-10-2018         |            |
| O                | AMG                       | AMG N.V.        | 15-3-2019   | 26,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,2900     | 0      | 0            | 0             | 22-10-2018         |            |
| O                | AMG                       | AMG N.V.        | 15-3-2019   | 28,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 12,4400    | 12     | 0            | 47            | 22-10-2018         |            |
| O                | AMG                       | AMG N.V.        | 15-3-2019   | 28,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,4500     | 0      | 0            | 53            | 22-10-2018         |            |
| O                | AMG                       | AMG N.V.        | 15-3-2019   | 30,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 10,6700    | 11     | 0            | 70            | 22-10-2018         |            |
| O                | AMG                       | AMG N.V.        | 15-3-2019   | 30,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,6800     | 1      | 0            | 85            | 22-10-2018         |            |
| O                | AMG                       | AMG N.V.        | 15-3-2019   | 34,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 7,4700     | 7      | 0            | 0             | 22-10-2018         |            |
| O                | AMG                       | AMG N.V.        | 15-3-2019   | 34,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,4900     | 1      | 0            | 15            | 22-10-2018         |            |
| O                | AMG                       | AMG N.V.        | 15-3-2019   | 35,0000        | C                 | EUR               | 6,7500  | 6,9500 | 6,7500 | -           | 4      | 6,9500     | 6,7400 | 7            | 19            | 179                | 22-10-2018 |
| O                | AMG                       | AMG N.V.        | 15-3-2019   | 35,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,7600     | 2      | 0            | 287           | 22-10-2018         |            |
| O                | AMG                       | AMG N.V.        | 15-3-2019   | 36,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 6,0800     | 6      | 0            | 39            | 22-10-2018         |            |
| O                | AMG                       | AMG N.V.        | 15-3-2019   | 36,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,1100     | 2      | 0            | 215           | 22-10-2018         |            |
| O                | AMG                       | AMG N.V.        | 15-3-2019   | 38,0000        | C                 | EUR               | 4,7000  | 4,7000 | 4,7000 | -           | 1      | 4,7000     | 4,8400 | 5            | 15            | 301                | 22-10-2018 |
| O                | AMG                       | AMG N.V.        | 15-3-2019   | 38,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,8700     | 3      | 88           | 0             | 88                 | 22-10-2018 |
| O                | AMG                       | AMG N.V.        | 15-3-2019   | 40,0000        | C                 | EUR               | 15,9700 | 4,1000 | 3,9700 | -           | 3      | 4,1000     | 3,8000 | 4            | 7             | 748                | 22-10-2018 |
| O                | AMG                       | AMG N.V.        | 15-3-2019   | 40,0000        | P                 | EUR               | 3,7700  | 3,7700 | 3,7700 | -           | 1      | 3,7700     | 3,8300 | 4            | 5             | 337                | 22-10-2018 |
| O                | AMG                       | AMG N.V.        | 15-3-2019   | 42,0000        | C                 | EUR               | 3,0000  | 3,0000 | 3,0000 | -           | 1      | 3,0000     | 2,9800 | 3            | 2             | 442                | 22-10-2018 |
| O                | AMG                       | AMG N.V.        | 15-3-2019   | 42,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 5,0200     | 5      | 0            | 157           | 22-10-2018         |            |
| O                | AMG                       | AMG N.V.        | 15-3-2019   | 44,0000        | C                 | EUR               | 2,4000  | 2,4000 | 2,2500 | -           | 4      | 2,2500     | 2,3200 | 2            | 7             | 207                | 22-10-2018 |
| O                | AMG                       | AMG N.V.        | 15-3-2019   | 44,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 6,3500     | 6      | 0            | 572           | 22-10-2018         |            |
| O                | AMG                       | AMG N.V.        | 15-3-2019   | 45,0000        | C                 | EUR               | 2,2000  | 2,2000 | 2,1500 | -           | 3      | 2,1500     | 2,0600 | 2            | 7             | 343                | 22-10-2018 |
| O                | AMG                       | AMG N.V.        | 15-3-2019   | 45,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 7,1000     | 7      | 0            | 204           | 22-10-2018         |            |
| O                | AMG                       | AMG N.V.        | 15-3-2019   | 46,0000        | C                 | EUR               | 1,8000  | 1,8000 | 1,8000 | -           | 2      | 1,8000     | 1,8400 | 2            | 2             | 488                | 22-10-2018 |
| O                | AMG                       | AMG N.V.        | 15-3-2019   | 46,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 7,8800     | 8      | 0            | 88            | 22-10-2018         |            |
| O                | AMG                       | AMG N.V.        | 15-3-2019   | 48,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,4400     | 1      | 0            | 1135          | 22-10-2018         |            |
| O                | AMG                       | AMG N.V.        | 15-3-2019   | 48,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 9,4800     | 9      | 0            | 232           | 22-10-2018         |            |
| O                | AMG                       | AMG N.V.        | 15-3-2019   | 50,0000        | C                 | EUR               | 1,1000  | 1,1000 | 1,1000 | -           | 1      | 1,1000     | 1,1100 | 1            | 1             | 1014               | 22-10-2018 |
| O                | AMG                       | AMG N.V.        | 15-3-2019   | 50,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 11,1600    | 11     | 0            | 363           | 22-10-2018         |            |
| O                | AMG                       | AMG N.V.        | 15-3-2019   | 52,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,8800     | 1      | 0            | 195           | 22-10-2018         |            |
| O                | AMG                       | AMG N.V.        | 15-3-2019   | 52,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 12,9200    | 13     | 0            | 28            | 22-10-2018         |            |
| O                | AMG                       | AMG N.V.        | 15-3-2019   | 54,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,7200     | 1      | 0            | 231           | 22-10-2018         |            |
| O                | AMG                       | AMG N.V.        | 15-3-2019   | 54,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 14,7700    | 15     | 0            | 57            | 22-10-2018         |            |
| O                | AMG                       | AMG N.V.        | 15-3-2019   | 60,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,3900     | 0      | 0            | 235           | 22-10-2018         |            |
| O                | AMG                       | AMG N.V.        | 15-3-2019   | 60,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 20,4400    | 20     | 0            | 49            | 22-10-2018         |            |
| O                | AMG                       | AMG N.V.        | 15-3-2019   | 70,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,1900     | 0      | 0            | 176           | 22-10-2018         |            |
| O                | AMG                       | AMG N.V.        | 15-3-2019   | 70,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 30,2600    | 30     | 0            | 45            | 22-10-2018         |            |
| O                | AMG                       | AMG N.V.        | 21-6-2019   | 26,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 14,5300    | 15     | 0            | 0             | 22-10-2018         |            |
| O                | AMG                       | AMG N.V.        | 21-6-2019   | 26,0000        | P                 | EUR               | 0,6000  | 0,6000 | 0,6000 | -           | 1      | 0,6000     | 0,6400 | 1            | 1             | 13                 | 22-10-2018 |
| O                | AMG                       | AMG N.V.        | 21-6-2019   | 28,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 12,8100    | 13     | 0            | 1             | 22-10-2018         |            |
| O                | AMG                       | AMG N.V.        | 21-6-2019   | 28,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,9500     | 1      | 0            | 61            | 22-10-2018         |            |
| O                | AMG                       | AMG N.V.        | 21-6-2019   | 30,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 11,1700    | 11     | 0            | 1             | 22-10-2018         |            |
| O                | AMG                       | AMG N.V.        | 21-6-2019   | 30,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,3400     | 1      | 0            | 111           | 22-10-2018         |            |
| O                | AMG                       | AMG N.V.        | 21-6-2019   | 34,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 8,2400     | 8      | 0            | 6             | 22-10-2018         |            |
| O                | AMG                       | AMG N.V.        | 21-6-2019   | 34,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,4600     | 2      | 0            | 0             | 22-10-2018         |            |
| O                | AMG                       | AMG N.V.        | 21-6-2019   | 35,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 7,5700     | 8      | 0            | 211           | 22-10-2018         |            |
| O                | AMG                       | AMG N.V.        | 21-6-2019   | 35,0000        | P                 | EUR               | 2,8000  | 2,8000 | 2,8000 | -           | 1      | 2,8000     | 2,8000 | 3            | 1             | 132                | 22-10-2018 |
| O                | AMG                       | AMG N.V.        | 21-6-2019   | 36,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 6,9300     | 7      | 0            | 1             | 22-10-2018         |            |
| O                | AMG                       | AMG N.V.        | 21-6-2019   | 36,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 3,1800     | 3      | 0            | 38            | 22-10-2018         |            |
| O                | AMG                       | AMG N.V.        | 21-6-2019   | 38,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 5,8100     | 6      | 0            | 59            | 22-10-2018         |            |
| O                | AMG                       | AMG N.V.        | 21-6-2019   | 38,0000        | P                 | EUR               | 4,0200  | 4,0500 | 4,0200 | -           | 2      | 4,0500     | 4,0700 | 4            | 2             | 75                 | 22-10-2018 |
| O                | AMG                       | AMG N.V.        | 21-6-2019   | 40,0000        | C                 | EUR               | 4,8400  | 4,8400 | 4,8400 | -           | 1      | 4,8400     | 4,8400 | 5            | 10            | 263                | 22-10-2018 |
| O                | AMG                       | AMG N.V.        | 21-6-2019   | 40,0000        | P                 | EUR               | 5,0000  | 5,0900 | 5,0000 | -           | 2      | 5,0900     | 5,1200 | 5            | 16            | 68                 | 22-10-2018 |
| O                | AMG                       | AMG N.V.        | 21-6-2019   | 42,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 4,0500     | 4      | 0            | 87            | 22-10-2018         |            |
| O                | AMG                       | AMG N.V.        | 21-6-2019   | 42,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 6          |        |              |               |                    |            |



| Instrument Type* | Instrument Trading Symbol | Instrument Name           | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|---------------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| F                | AN6                       | Acciona SA - Stock Future | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 73,3799    | 73   | 0            | 0             | 22-10-2018         |
| F                | AN6                       | Acciona SA - Stock Future | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 73,3518    | 73   | 0            | 0             | 22-10-2018         |
| F                | AN6                       | Acciona SA - Stock Future | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 73,3293    | 73   | 0            | 0             | 22-10-2018         |
| F                | AN6                       | Acciona SA - Stock Future | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 73,3045    | 73   | 0            | 0             | 22-10-2018         |
| F                | AN6                       | Acciona SA - Stock Future | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 73,2396    | 73   | 0            | 0             | 22-10-2018         |
| F                | AN6                       | Acciona SA - Stock Future | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 70,1317    | 70   | 0            | 0             | 22-10-2018         |
| O                | AOA                       | AGEAS (old)               | 21-12-2018  | 24,7200        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 19,9800    | 20   | 0            | 10            | 22-10-2018         |
| O                | AOA                       | AGEAS (old)               | 21-12-2018  | 24,7200        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 51            | 22-10-2018         |
| O                | AOA                       | AGEAS (old)               | 21-12-2018  | 29,6700        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,0300    | 15   | 0            | 0             | 22-10-2018         |
| O                | AOA                       | AGEAS (old)               | 21-12-2018  | 29,6700        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 55            | 22-10-2018         |
| O                | AOA                       | AGEAS (old)               | 21-12-2018  | 34,6100        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,1100    | 10   | 0            | 50            | 22-10-2018         |
| O                | AOA                       | AGEAS (old)               | 21-12-2018  | 34,6100        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 109           | 22-10-2018         |
| O                | AOA                       | AGEAS (old)               | 21-12-2018  | 39,5500        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,4300     | 5    | 0            | 53            | 22-10-2018         |
| O                | AOA                       | AGEAS (old)               | 21-12-2018  | 39,5500        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3000     | 0    | 0            | 50            | 22-10-2018         |
| O                | AOA                       | AGEAS (old)               | 21-12-2018  | 44,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7400     | 2    | 0            | 144           | 22-10-2018         |
| O                | AOA                       | AGEAS (old)               | 21-12-2018  | 44,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5700     | 2    | 0            | 2             | 22-10-2018         |
| O                | AOA                       | AGEAS (old)               | 21-12-2018  | 49,4400        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2600     | 0    | 0            | 38            | 22-10-2018         |
| O                | AOA                       | AGEAS (old)               | 21-12-2018  | 49,4400        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,0400     | 5    | 0            | 20            | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option        | 16-11-2018  | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,0500     | 5    | 0            | 0             | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option        | 16-11-2018  | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1700     | 0    | 0            | 0             | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option        | 16-11-2018  | 32,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2700     | 3    | 0            | 1             | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option        | 16-11-2018  | 32,0000        | P                 | EUR               | 0,5000 | 0,5000 | 0,4500 | 2           | 0,4500 | 0,4400     | 0    | 2            | 19            | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option        | 16-11-2018  | 33,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4800     | 2    | 0            | 0             | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option        | 16-11-2018  | 33,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6900     | 1    | 0            | 0             | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option        | 16-11-2018  | 34,0000        | C                 | EUR               | 1,8500 | 1,8500 | 1,8500 | 1           | 1,8500 | 1,7700     | 2    | 1            | 12            | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option        | 16-11-2018  | 34,0000        | P                 | EUR               | 1,1500 | 1,1500 | 1,1500 | 1           | 1,1500 | 1,0200     | 1    | 1            | 77            | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option        | 16-11-2018  | 35,0000        | C                 | EUR               | 1,5500 | 1,5500 | 1,2500 | 3           | 1,2500 | 1,2200     | 1    | 3            | 18            | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option        | 16-11-2018  | 35,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5100     | 2    | 0            | 59            | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option        | 16-11-2018  | 36,0000        | C                 | EUR               | 0,8000 | 0,8000 | 0,8000 | 2           | 0,8000 | 0,7800     | 1    | 2            | 6             | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option        | 16-11-2018  | 36,0000        | P                 | EUR               | 2,1700 | 2,1700 | 2,0700 | 3           | 2,1500 | 2,1100     | 2    | 3            | 260           | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option        | 16-11-2018  | 37,0000        | C                 | EUR               | 0,6500 | 0,6500 | 0,4300 | 7           | 0,4300 | 0,4900     | 0    | 21           | 149           | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option        | 16-11-2018  | 37,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8500     | 3    | 0            | 356           | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option        | 16-11-2018  | 38,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2700     | 0    | 0            | 71            | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option        | 16-11-2018  | 38,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,6500     | 4    | 0            | 83            | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option        | 16-11-2018  | 39,0000        | C                 | EUR               | 0,1500 | 0,1800 | 0,1500 | 2           | 0,1800 | 0,1500     | 0    | 3            | 185           | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option        | 16-11-2018  | 39,0000        | P                 | EUR               | 4,6500 | 4,6500 | 4,6500 | 1           | 4,6500 | 4,5600     | 5    | 1            | 108           | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option        | 16-11-2018  | 40,0000        | C                 | EUR               | 0,1200 | 0,1200 | 0,0800 | 2           | 0,0800 | 0,0900     | 0    | 7            | 234           | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option        | 16-11-2018  | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,5000     | 6    | 0            | 76            | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option        | 16-11-2018  | 41,0000        | C                 | EUR               | 0,0900 | 0,0900 | 0,0500 | 2           | 0,0500 | 0,0500     | 0    | 2            | 105           | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option        | 16-11-2018  | 41,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,4600     | 6    | 0            | 14            | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option        | 16-11-2018  | 42,0000        | C                 | EUR               | 0,0600 | 0,0600 | 0,0400 | 3           | 0,0400 | 0,0300     | 0    | 23           | 55            | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option        | 16-11-2018  | 42,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,4400     | 7    | 0            | 45            | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option        | 16-11-2018  | 44,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 23            | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option        | 16-11-2018  | 44,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,4300     | 9    | 0            | 17            | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option        | 16-11-2018  | 46,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 181           | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option        | 16-11-2018  | 46,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,4200    | 11   | 0            | 9             | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option        | 16-11-2018  | 48,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option        | 16-11-2018  | 48,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,4200    | 13   | 0            | 0             | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option        | 21-12-2018  | 26,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,9500     | 9    | 0            | 0             | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option        | 21-12-2018  | 26,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     | 0    | 0            | 17            | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option        | 21-12-2018  | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,9900     | 7    | 0            | 0             | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option        | 21-12-2018  | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1700     | 0    | 0            | 167           | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option        | 21-12-2018  | 29,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,0300     | 6    | 0            | 0             | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option        | 21-12-2018  | 29,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2500     | 0    | 0            | 0             | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option        | 21-12-2018  | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,1000     | 5    | 0            | 7             | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option        | 21-12-2018  | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3700     | 0    | 0            | 264           | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option        | 21-12-2018  | 32,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4200     | 3    | 0            | 43            | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option        | 21-12-2018  | 32,0000        | P                 | EUR               | 0,7000 | 0,8000 | 0,7000 | 3           | 0,8000 | 0,7600     | 1    | 35           | 343           | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option        | 21-12-2018  | 34,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0300     | 2    | 0            | 20            | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option        | 21-12-2018  | 34,0000        | P                 | EUR               | 1,5000 | 1,5000 | 1,4600 | 3           | 1,4600 | 1,4300     | 1    | 15           | 224           | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option        | 21-12-2018  | 35,0000        | C                 | EUR               | 1,5000 | 1,5000 | 1,4000 | 2           | 1,4000 | 1,4800     | 1    | 12           | 219           | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option        | 21-12-2018  | 35,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9000     | 2    | 0            | 382           | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option        | 21-12-2018  | 36,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0500     | 1    | 0            | 32            | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option        | 21-12-2018  | 36,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4700     | 2    | 0            | 385           | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option        | 21-12-2018  | 37,0000        | C                 | EUR               | 0,9000 | 0,9000 | 0,9000 | 1           | 0,9000 | 0,7200     | 1    | 1            | 1             | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option        | 21-12-2018  | 37,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1500     | 3    | 0            | 16            | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option        | 21-12-2018  | 38,0000        | C                 | EUR               | 0,5700 | 0,5700 | 0,5700 | 1           | 0,5700 | 0,4900     | 0    | 3            | 256           | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option        | 21-12-2018  | 38,0000        | P                 | EUR               | 3,5000 | 3,9000 | 3,5000 | 3           | 3,9000 | 3,9200     | 4    | 14           | 591           | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option        | 21-12-2018  | 39,0000        | C                 | EUR               | 0,3400 | 0,3400 | 0,2800 | 2           | 0,2800 | 0,3100     | 0    | 11           | 28            | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option        | 21-12-2018  | 39,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,7500     | 5    | 0            | 183           | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option        | 21-12-2018  | 40,0000        | C                 | EUR               | 0,2400 | 0,2400 | 0,2400 | 1           | 0,2400 | 0,2000     | 0    | 3            | 1243          | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option        | 21-12-2018  | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,6400     | 6    | 0            | 714           | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option        | 21-12-2018  | 41,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1400     | 0    | 0            | 35            | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option        | 21-12-2018  | 41,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,5800     | 7    | 0            | 38            | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option        | 21-12-2018  | 42,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     | 0    | 0            | 669           | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option        | 21-12-2018  | 42,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,5500     | 8    | 0            | 235           | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option        | 21-12-2018  | 44,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     | 0    |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name    | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|--------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | AP                        | Aperam Stnd Option | 21-12-2018  | 55,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 20,4600    | 20   | 0            | 45            | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option | 21-12-2018  | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 34            | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option | 21-12-2018  | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 25,4500    | 25   | 0            | 38            | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option | 21-12-2018  | 70,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 11            | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option | 21-12-2018  | 70,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 35,4600    | 35   | 0            | 12            | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option | 18-1-2019   | 29,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,0900     | 6    | 0            | 0             | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option | 18-1-2019   | 29,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3800     | 0    | 0            | 0             | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option | 18-1-2019   | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,1800     | 5    | 0            | 0             | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option | 18-1-2019   | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5100     | 1    | 0            | 0             | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option | 18-1-2019   | 32,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5600     | 4    | 0            | 0             | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option | 18-1-2019   | 32,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9600     | 1    | 0            | 0             | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option | 18-1-2019   | 34,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2100     | 2    | 0            | 0             | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option | 18-1-2019   | 34,0000        | P                 | EUR               | 1,6500 | 1,6500 | 1,6500 | 1           | 1,6500 | 1,6400     | 2    | 20           | 20            | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option | 18-1-2019   | 35,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7000     | 2    | 0            | 0             | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option | 18-1-2019   | 35,0000        | P                 | EUR               | 2,1200 | 2,1200 | 2,1200 | 1           | 2,1200 | 2,1400     | 2    | 1            | 1             | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option | 18-1-2019   | 36,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2800     | 1    | 0            | 0             | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option | 18-1-2019   | 36,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7200     | 3    | 0            | 0             | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option | 18-1-2019   | 37,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9400     | 1    | 0            | 0             | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option | 18-1-2019   | 37,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3800     | 3    | 0            | 0             | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option | 18-1-2019   | 38,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6600     | 1    | 0            | 0             | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option | 18-1-2019   | 38,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,1100     | 4    | 0            | 0             | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option | 18-1-2019   | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3200     | 0    | 0            | 0             | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option | 18-1-2019   | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,7700     | 6    | 0            | 0             | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option | 18-1-2019   | 42,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1600     | 0    | 0            | 0             | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option | 18-1-2019   | 42,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,6100     | 8    | 0            | 0             | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option | 15-3-2019   | 26,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,0000     | 9    | 0            | 0             | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option | 15-3-2019   | 26,0000        | P                 | EUR               | 0,3300 | 0,3300 | 0,3300 | 1           | 0,3300 | 0,3400     | 0    | 1            | 22            | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option | 15-3-2019   | 28,0000        | C                 | EUR               | 7,4000 | 7,4000 | 7,4000 | 1           | 7,4000 | 7,1300     | 7    | 15           | 15            | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option | 15-3-2019   | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5800     | 1    | 0            | 103           | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option | 15-3-2019   | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,4200     | 5    | 0            | 54            | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option | 15-3-2019   | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9600     | 1    | 0            | 66            | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option | 15-3-2019   | 32,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9500     | 4    | 0            | 34            | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option | 15-3-2019   | 32,0000        | P                 | EUR               | 1,5000 | 1,5000 | 1,5000 | 1           | 1,5000 | 1,5600     | 2    | 1            | 92            | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option | 15-3-2019   | 34,0000        | C                 | EUR               | 2,7000 | 2,7000 | 2,7000 | 2           | 2,7000 | 2,7300     | 3    | 15           | 80            | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option | 15-3-2019   | 34,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3900     | 2    | 0            | 303           | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option | 15-3-2019   | 35,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2200     | 2    | 0            | 55            | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option | 15-3-2019   | 35,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9100     | 3    | 71           | 71            | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option | 15-3-2019   | 36,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7800     | 2    | 0            | 430           | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option | 15-3-2019   | 36,0000        | P                 | EUR               | 3,1500 | 3,1500 | 3,1500 | 1           | 3,1500 | 3,4900     | 3    | 1            | 59            | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option | 15-3-2019   | 38,0000        | C                 | EUR               | 1,3200 | 1,3200 | 1,1000 | 4           | 1,1000 | 1,1100     | 3    | 4            | 389           | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option | 15-3-2019   | 38,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,8600     | 5    | 0            | 156           | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option | 15-3-2019   | 40,0000        | C                 | EUR               | 0,8000 | 0,8000 | 0,6500 | 3           | 0,6500 | 0,6400     | 1    | 11           | 371           | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option | 15-3-2019   | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,4200     | 6    | 0            | 130           | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option | 15-3-2019   | 42,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3800     | 0    | 0            | 347           | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option | 15-3-2019   | 42,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,1700     | 8    | 0            | 73            | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option | 15-3-2019   | 44,0000        | C                 | EUR               | 0,2400 | 0,2400 | 0,2400 | 1           | 0,2400 | 0,2100     | 0    | 1            | 130           | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option | 15-3-2019   | 44,0000        | P                 | EUR               | 9,4200 | 9,4200 | 9,4200 | 1           | 9,4200 | 10,0100    | 10   | 2            | 32            | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option | 15-3-2019   | 45,0000        | C                 | EUR               | 0,2300 | 0,2300 | 0,1900 | 3           | 0,1900 | 0,1500     | 0    | 6            | 40            | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option | 15-3-2019   | 45,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,9600    | 11   | 0            | 98            | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option | 15-3-2019   | 46,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     | 0    | 0            | 70            | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option | 15-3-2019   | 46,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,9300    | 12   | 0            | 17            | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option | 15-3-2019   | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 71            | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option | 15-3-2019   | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,8800    | 16   | 0            | 36            | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option | 15-3-2019   | 55,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 61            | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option | 15-3-2019   | 55,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 20,8700    | 21   | 0            | 10            | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option | 15-3-2019   | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option | 15-3-2019   | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 25,8500    | 26   | 0            | 131           | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option | 21-6-2019   | 26,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,0600     | 9    | 0            | 0             | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option | 21-6-2019   | 26,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7100     | 1    | 0            | 47            | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option | 21-6-2019   | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,2800     | 7    | 0            | 57            | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option | 21-6-2019   | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0600     | 1    | 0            | 1083          | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option | 21-6-2019   | 30,0000        | C                 | EUR               | 5,6000 | 5,6000 | 5,6000 | 1           | 5,6000 | 5,7000     | 6    | 1            | 32            | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option | 21-6-2019   | 30,0000        | P                 | EUR               | 1,3500 | 1,3500 | 1,3500 | 1           | 1,3500 | 1,3500     | 2    | 1            | 257           | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option | 21-6-2019   | 34,0000        | C                 | EUR               | 3,2500 | 3,2500 | 3,1000 | 2           | 3,1000 | 3,2100     | 3    | 2            | 12            | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option | 21-6-2019   | 34,0000        | P                 | EUR               | 3,2700 | 3,2700 | 3,2700 | 1           | 3,2700 | 3,2500     | 3    | 1            | 137           | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option | 21-6-2019   | 36,0000        | C                 | EUR               | 2,2500 | 2,2500 | 2,2500 | 1           | 2,2500 | 2,3200     | 2    | 1            | 17            | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option | 21-6-2019   | 36,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,4000     | 4    | 0            | 149           | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option | 21-6-2019   | 38,0000        | C                 | EUR               | 1,5000 | 1,5000 | 1,5000 | 1           | 1,5000 | 1,5800     | 2    | 20           | 277           | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option | 21-6-2019   | 38,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,7000     | 6    | 0            | 175           | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option | 21-6-2019   | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0600     | 1    | 0            | 649           | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option | 21-6-2019   | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,2100     | 7    | 0            | 74            | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option | 21-6-2019   | 42,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6900     | 1    | 0            | 127           | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option | 21-6-2019   | 42,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,8500     | 9    | 0            | 29            | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option | 21-6-2019   | 44,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4600     | 0    | 0            | 20            | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option | 21-6-2019   | 44,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,6300    | 11   | 0            | 2             | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option | 21-6-2019   | 45,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3700     | 0    | 0            | 230           | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option | 21-6-2019   | 45,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,5400    | 12   | 0            | 48            | 22-10-2018         |
| O                | AP                        | Aperam Stnd Option | 21-6-2019   | 50,000         |                   |                   |        |        |        |             |        |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name       | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open    | High    | Low     | Trade Count | Close   | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|-----------------------|-------------|----------------|-------------------|-------------------|---------|---------|---------|-------------|---------|------------|------|--------------|---------------|--------------------|
| O                | AP                        | Aperam Stnd Option    | 20-9-2019   | 30,0000        | C                 | EUR               | 5,9500  | 5,9500  | 5,9500  | 1           | 5,9500  | 5,8800     |      | 6            | 1             | 26 22-10-2018      |
| O                | AP                        | Aperam Stnd Option    | 20-9-2019   | 30,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,0900     |      | 2            | 0             | 33 22-10-2018      |
| O                | AP                        | Aperam Stnd Option    | 20-9-2019   | 34,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,5100     |      | 4            | 0             | 0 22-10-2018       |
| O                | AP                        | Aperam Stnd Option    | 20-9-2019   | 34,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,8900     |      | 4            | 0             | 3 22-10-2018       |
| O                | AP                        | Aperam Stnd Option    | 20-9-2019   | 35,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,0500     |      | 3            | 0             | 11 22-10-2018      |
| O                | AP                        | Aperam Stnd Option    | 20-9-2019   | 35,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,4600     |      | 4            | 0             | 78 22-10-2018      |
| O                | AP                        | Aperam Stnd Option    | 20-9-2019   | 36,0000        | C                 | EUR               | 2,7000  | 2,7000  | 2,7000  | 1           | 2,7000  | 2,6300     |      | 3            | 6             | 6 22-10-2018       |
| O                | AP                        | Aperam Stnd Option    | 20-9-2019   | 36,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,0700     |      | 5            | 0             | 21 22-10-2018      |
| O                | AP                        | Aperam Stnd Option    | 20-9-2019   | 38,0000        | C                 | EUR               | 1,8900  | 1,8900  | 1,8900  | 1           | 1,8900  | 1,9300     |      | 2            | 5             | 110 22-10-2018     |
| O                | AP                        | Aperam Stnd Option    | 20-9-2019   | 38,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,4100     |      | 6            | 0             | 20 22-10-2018      |
| O                | AP                        | Aperam Stnd Option    | 20-9-2019   | 40,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,3900     |      | 1            | 0             | 45 22-10-2018      |
| O                | AP                        | Aperam Stnd Option    | 20-9-2019   | 40,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,8900     |      | 8            | 0             | 12 22-10-2018      |
| O                | AP                        | Aperam Stnd Option    | 20-9-2019   | 42,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,9900     |      | 1            | 0             | 55 22-10-2018      |
| O                | AP                        | Aperam Stnd Option    | 20-9-2019   | 42,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 9,5100     |      | 10           | 0             | 0 22-10-2018       |
| O                | AP                        | Aperam Stnd Option    | 20-9-2019   | 45,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,5400     |      | 1            | 0             | 7 22-10-2018       |
| O                | AP                        | Aperam Stnd Option    | 20-9-2019   | 45,0000        | P                 | EUR               | 12,2000 | 12,2000 | 12,1500 | 2           | 12,1500 | 12,0900    |      | 12           | 2             | 7 22-10-2018       |
| O                | AP                        | Aperam Stnd Option    | 20-9-2019   | 50,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2300     |      | 0            | 0             | 16 22-10-2018      |
| O                | AP                        | Aperam Stnd Option    | 20-9-2019   | 50,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 16,8000    |      | 17           | 0             | 0 22-10-2018       |
| O                | AP                        | Aperam Stnd Option    | 20-9-2019   | 55,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0900     |      | 0            | 0             | 54 22-10-2018      |
| O                | AP                        | Aperam Stnd Option    | 20-9-2019   | 55,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 21,6800    |      | 22           | 0             | 8 22-10-2018       |
| F                | AP6                       | SAP SE - Stock Future | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 94,9640    |      | 95           | 0             | 0 22-10-2018       |
| F                | AP6                       | SAP SE - Stock Future | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 94,9276    |      | 95           | 0             | 0 22-10-2018       |
| F                | AP6                       | SAP SE - Stock Future | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 94,8984    |      | 95           | 0             | 0 22-10-2018       |
| F                | AP6                       | SAP SE - Stock Future | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 94,8664    |      | 95           | 0             | 0 22-10-2018       |
| F                | AP6                       | SAP SE - Stock Future | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 93,4328    |      | 93           | 0             | 0 22-10-2018       |
| F                | AP6                       | SAP SE - Stock Future | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 93,3560    |      | 93           | 0             | 0 22-10-2018       |
| F                | AP8                       | SAP - Dividend Future | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,4000     |      | 1            | 0             | 0 22-10-2018       |
| F                | AP8                       | SAP - Dividend Future | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,6500     |      | 2            | 0             | 3 22-10-2018       |
| F                | AP8                       | SAP - Dividend Future | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,6500     |      | 2            | 0             | 0 22-10-2018       |
| F                | AP8                       | SAP - Dividend Future | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,1000     |      | 2            | 0             | 0 22-10-2018       |
| F                | AP8                       | SAP - Dividend Future | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,2500     |      | 2            | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option    | 16-11-2018  | 88,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,6100     |      | 8            | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option    | 16-11-2018  | 88,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,6400     |      | 1            | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option    | 16-11-2018  | 90,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,9500     |      | 6            | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option    | 16-11-2018  | 90,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,9800     |      | 1            | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option    | 16-11-2018  | 92,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,4000     |      | 4            | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option    | 16-11-2018  | 92,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,4400     |      | 1            | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option    | 16-11-2018  | 93,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,7300     |      | 4            | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option    | 16-11-2018  | 93,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,7600     |      | 2            | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option    | 16-11-2018  | 94,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,1100     |      | 3            | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option    | 16-11-2018  | 94,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,1400     |      | 2            | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option    | 16-11-2018  | 95,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,5600     |      | 3            | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option    | 16-11-2018  | 95,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,6000     |      | 3            | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option    | 16-11-2018  | 96,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,0900     |      | 2            | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option    | 16-11-2018  | 96,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,1300     |      | 3            | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option    | 16-11-2018  | 97,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,6600     |      | 2            | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option    | 16-11-2018  | 97,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,6900     |      | 4            | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option    | 16-11-2018  | 98,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,3000     |      | 1            | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option    | 16-11-2018  | 98,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,3400     |      | 4            | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option    | 16-11-2018  | 99,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,0200     |      | 1            | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option    | 16-11-2018  | 99,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,0600     |      | 5            | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option    | 16-11-2018  | 100,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,7900     |      | 1            | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option    | 16-11-2018  | 100,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,8300     |      | 6            | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option    | 16-11-2018  | 101,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,6400     |      | 1            | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option    | 16-11-2018  | 101,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,6800     |      | 7            | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option    | 16-11-2018  | 102,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,4900     |      | 0            | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option    | 16-11-2018  | 102,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,5300     |      | 8            | 0             | 50 22-10-2018      |
| O                | APQ                       | SAP - Stock Option    | 16-11-2018  | 103,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3900     |      | 0            | 0             | 50 22-10-2018      |
| O                | APQ                       | SAP - Stock Option    | 16-11-2018  | 103,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,4300     |      | 8            | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option    | 16-11-2018  | 104,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3000     |      | 0            | 0             | 150 22-10-2018     |
| O                | APQ                       | SAP - Stock Option    | 16-11-2018  | 104,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 9,3400     |      | 9            | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option    | 16-11-2018  | 105,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2400     |      | 0            | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option    | 16-11-2018  | 105,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,2800    |      | 10           | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option    | 16-11-2018  | 106,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2000     |      | 0            | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option    | 16-11-2018  | 106,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 11,2400    |      | 11           | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option    | 16-11-2018  | 107,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1600     |      | 0            | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option    | 16-11-2018  | 107,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,2000    |      | 12           | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option    | 16-11-2018  | 108,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1300     |      | 0            | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option    | 16-11-2018  | 108,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 13,1700    |      | 13           | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option    | 16-11-2018  | 109,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1000     |      | 0            | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option    | 16-11-2018  | 109,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 14,1400    |      | 14           | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option    | 16-11-2018  | 110,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0900     |      | 0            | 8             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option    | 16-11-2018  | 110,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 15,1300    |      | 15           | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option    | 16-11-2018  | 112,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0600     |      | 0            | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option    | 16-11-2018  | 112,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 17,1000    |      | 17           | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option    | 16-11-2018  | 114,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0500     |      | 0            | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option    | 16-11-2018  | 114,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 19,0900    |      | 19           | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option    | 16-11-2018  | 11             |                   |                   |         |         |         |             |         |            |      |              |               |                    |



Euronext Amsterdam N.V. – Beursplein 5, Amsterdam – Tel: +31 (0) 20 721 4444



| Instrument Type* | Instrument Trading Symbol | Instrument Name    | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|--------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | APQ                       | SAP - Stock Option | 18-1-2019   | 98,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,0000     |      | 6            | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option | 18-1-2019   | 100,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2100     |      | 2            | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option | 18-1-2019   | 100,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,3100     |      | 7            | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option | 18-1-2019   | 104,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2300     |      | 1            | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option | 18-1-2019   | 104,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,3400    |      | 10           | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option | 15-3-2019   | 70,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 25,3600    |      | 25           | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option | 15-3-2019   | 70,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4400     |      | 0            | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option | 15-3-2019   | 72,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 23,4600    |      | 23           | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option | 15-3-2019   | 72,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5400     |      | 1            | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option | 15-3-2019   | 76,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 19,7100    |      | 20           | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option | 15-3-2019   | 76,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8000     |      | 1            | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option | 15-3-2019   | 80,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,1300    |      | 16           | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option | 15-3-2019   | 80,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2300     |      | 1            | 56            | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option | 15-3-2019   | 82,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,4300    |      | 14           | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option | 15-3-2019   | 82,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5300     |      | 2            | 60            | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option | 15-3-2019   | 84,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,8000    |      | 13           | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option | 15-3-2019   | 84,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9100     |      | 2            | 64            | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option | 15-3-2019   | 86,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,2500    |      | 11           | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option | 15-3-2019   | 86,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3600     |      | 2            | 68            | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option | 15-3-2019   | 88,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,7500     |      | 10           | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option | 15-3-2019   | 88,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8700     |      | 3            | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option | 15-3-2019   | 90,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,3900     |      | 8            | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option | 15-3-2019   | 90,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5100     |      | 4            | 11            | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option | 15-3-2019   | 92,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,1200     |      | 7            | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option | 15-3-2019   | 92,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,2400     |      | 4            | 29            | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option | 15-3-2019   | 94,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,0400     |      | 6            | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option | 15-3-2019   | 94,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,1600     |      | 5            | 31            | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option | 15-3-2019   | 96,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,0700     |      | 5            | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option | 15-3-2019   | 96,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,2000     |      | 6            | 17            | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option | 15-3-2019   | 98,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,1500     |      | 4            | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option | 15-3-2019   | 98,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,2800     |      | 7            | 6             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option | 15-3-2019   | 100,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3700     |      | 3            | 40            | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option | 15-3-2019   | 100,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,5100     |      | 9            | 3             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option | 15-3-2019   | 102,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7500     |      | 3            | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option | 15-3-2019   | 102,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,8900     |      | 10           | 52            | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option | 15-3-2019   | 104,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2200     |      | 2            | 37            | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option | 15-3-2019   | 104,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,3600    |      | 11           | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option | 15-3-2019   | 105,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9900     |      | 2            | 2             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option | 15-3-2019   | 105,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,1400    |      | 12           | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option | 15-3-2019   | 106,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7800     |      | 2            | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option | 15-3-2019   | 106,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,9300    |      | 13           | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option | 15-3-2019   | 108,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4100     |      | 1            | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option | 15-3-2019   | 108,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,5600    |      | 15           | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option | 15-3-2019   | 110,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1300     |      | 1            | 143           | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option | 15-3-2019   | 110,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,2800    |      | 16           | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option | 15-3-2019   | 112,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9000     |      | 1            | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option | 15-3-2019   | 112,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,0600    |      | 18           | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option | 15-3-2019   | 115,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6500     |      | 1            | 112           | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option | 15-3-2019   | 115,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 20,8100    |      | 21           | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option | 15-3-2019   | 120,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3900     |      | 0            | 69            | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option | 15-3-2019   | 120,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 25,5600    |      | 26           | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option | 15-3-2019   | 130,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     |      | 0            | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option | 15-3-2019   | 130,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 35,2600    |      | 35           | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option | 21-6-2019   | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 35,0400    |      | 35           | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option | 21-6-2019   | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1900     |      | 0            | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option | 21-6-2019   | 70,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 25,5700    |      | 26           | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option | 21-6-2019   | 70,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9900     |      | 1            | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option | 21-6-2019   | 75,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,0100    |      | 21           | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option | 21-6-2019   | 75,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5600     |      | 2            | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option | 21-6-2019   | 80,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,7200    |      | 17           | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option | 21-6-2019   | 80,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4200     |      | 2            | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option | 21-6-2019   | 85,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,8100    |      | 13           | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option | 21-6-2019   | 85,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,6600     |      | 4            | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option | 21-6-2019   | 88,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,6800    |      | 11           | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option | 21-6-2019   | 88,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,6500     |      | 5            | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option | 21-6-2019   | 90,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,3800     |      | 9            | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option | 21-6-2019   | 90,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,4100     |      | 5            | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option | 21-6-2019   | 92,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,2000     |      | 8            | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option | 21-6-2019   | 92,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,3100     |      | 6            | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option | 21-6-2019   | 94,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,2100     |      | 7            | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option | 21-6-2019   | 94,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,3800     |      | 7            | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option | 21-6-2019   | 95,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,6600     |      | 7            | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option | 21-6-2019   | 95,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,8700     |      | 8            | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option | 21-6-2019   | 96,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,2400     |      | 6            | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option | 21-6-2019   | 96,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,4700     |      | 8            | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option | 21-6-2019   | 98,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,4200     |      | 5            | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option | 21-6-2019   | 98,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,7000     |      | 10           | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option | 21-6-2019   | 100,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,5400     |      | 5            | 25            | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option | 21-6-2019   | 100,0000       | P                 | EUR               | 0,0000 | 0,0    |        |             |        |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name    | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|--------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | APQ                       | SAP - Stock Option | 21-6-2019   | 106,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7300     |      | 3            | 0             | 29 22-10-2018      |
| O                | APQ                       | SAP - Stock Option | 21-6-2019   | 106,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,1800    |      | 15           | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option | 21-6-2019   | 108,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2900     |      | 2            | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option | 21-6-2019   | 108,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,7800    |      | 17           | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option | 21-6-2019   | 110,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9200     |      | 2            | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option | 21-6-2019   | 110,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,4300    |      | 18           | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option | 21-6-2019   | 112,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6100     |      | 2            | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option | 21-6-2019   | 112,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 20,1500    |      | 20           | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option | 21-6-2019   | 115,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2300     |      | 1            | 3             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option | 21-6-2019   | 115,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,7900    |      | 23           | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option | 21-6-2019   | 120,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7900     |      | 1            | 0             | 34 22-10-2018      |
| O                | APQ                       | SAP - Stock Option | 21-6-2019   | 120,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 27,3900    |      | 27           | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option | 21-6-2019   | 130,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1500     |      | 0            | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option | 21-6-2019   | 130,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 36,8000    |      | 37           | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option | 21-6-2019   | 140,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     |      | 0            | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option | 21-6-2019   | 140,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 46,7100    |      | 47           | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option | 21-6-2019   | 150,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option | 21-6-2019   | 150,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 56,7100    |      | 57           | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option | 20-9-2019   | 80,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,1100    |      | 17           | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option | 20-9-2019   | 80,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1300     |      | 3            | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option | 20-9-2019   | 85,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,3500    |      | 13           | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option | 20-9-2019   | 85,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,5500     |      | 5            | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option | 20-9-2019   | 88,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,3700    |      | 11           | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option | 20-9-2019   | 88,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,6600     |      | 6            | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option | 20-9-2019   | 90,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,0800    |      | 10           | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option | 20-9-2019   | 90,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,4300     |      | 6            | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option | 20-9-2019   | 92,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,0100     |      | 9            | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option | 20-9-2019   | 92,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,4100     |      | 7            | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option | 20-9-2019   | 94,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,9600     |      | 8            | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option | 20-9-2019   | 94,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,4200     |      | 8            | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option | 20-9-2019   | 96,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,0600     |      | 7            | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option | 20-9-2019   | 96,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,5600     |      | 10           | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option | 20-9-2019   | 98,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,1700     |      | 6            | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option | 20-9-2019   | 98,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,6900    |      | 11           | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option | 20-9-2019   | 100,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,4400     |      | 5            | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option | 20-9-2019   | 100,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,0000    |      | 12           | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option | 20-9-2019   | 102,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,6700     |      | 5            | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option | 20-9-2019   | 102,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,2500    |      | 13           | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option | 20-9-2019   | 104,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,0400     |      | 4            | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option | 20-9-2019   | 104,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,6500    |      | 15           | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option | 20-9-2019   | 106,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4900     |      | 3            | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option | 20-9-2019   | 106,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,1200    |      | 16           | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option | 20-9-2019   | 108,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0200     |      | 3            | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option | 20-9-2019   | 108,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,6700    |      | 18           | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option | 20-9-2019   | 110,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6800     |      | 3            | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option | 20-9-2019   | 110,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 19,3400    |      | 19           | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option | 20-9-2019   | 112,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2400     |      | 2            | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option | 20-9-2019   | 112,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 20,9200    |      | 21           | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option | 20-9-2019   | 116,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6500     |      | 2            | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option | 20-9-2019   | 116,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 24,3500    |      | 24           | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option | 20-9-2019   | 120,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2200     |      | 1            | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option | 20-9-2019   | 120,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 27,9400    |      | 28           | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option | 20-9-2019   | 130,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6900     |      | 1            | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option | 20-9-2019   | 130,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 37,4400    |      | 37           | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option | 20-12-2019  | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 35,1100    |      | 35           | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option | 20-12-2019  | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5300     |      | 1            | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option | 20-12-2019  | 70,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 25,9000    |      | 26           | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option | 20-12-2019  | 70,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7800     |      | 2            | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option | 20-12-2019  | 75,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,6500    |      | 22           | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option | 20-12-2019  | 75,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7200     |      | 3            | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option | 20-12-2019  | 80,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,6900    |      | 18           | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option | 20-12-2019  | 80,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9300     |      | 4            | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option | 20-12-2019  | 85,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,0900    |      | 14           | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option | 20-12-2019  | 85,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,4900     |      | 5            | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option | 20-12-2019  | 90,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,9800    |      | 11           | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option | 20-12-2019  | 90,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,4800     |      | 7            | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option | 20-12-2019  | 95,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,3700     |      | 8            | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option | 20-12-2019  | 95,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,9600     |      | 10           | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option | 20-12-2019  | 100,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,2700     |      | 6            | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option | 20-12-2019  | 100,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,9200    |      | 13           | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option | 20-12-2019  | 105,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,6500     |      | 5            | 0             | 1000 22-10-2018    |
| O                | APQ                       | SAP - Stock Option | 20-12-2019  | 105,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,3400    |      | 16           | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option | 20-12-2019  | 110,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3900     |      | 3            | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option | 20-12-2019  | 110,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 20,1200    |      | 20           | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option | 20-12-2019  | 115,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4000     |      | 2            | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option | 20-12-2019  | 115,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 24,1400    |      | 24           | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option | 20-12-2019  | 120,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7500     |      | 2            | 0             | 0 22-10-2018       |
| O                | APQ                       | SAP - Stock Option | 20          |                |                   |                   |        |        |        |             |        |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name           | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|---------------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | APQ                       | SAP - Stock Option        | 19-6-2020   | 70,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8300     |      | 3            | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option        | 19-6-2020   | 75,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,2400    |      | 22           | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option        | 19-6-2020   | 75,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,2500     |      | 4            | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option        | 19-6-2020   | 80,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,6000    |      | 19           | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option        | 19-6-2020   | 80,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,8700     |      | 6            | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option        | 19-6-2020   | 85,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,2400    |      | 15           | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option        | 19-6-2020   | 85,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,7300     |      | 8            | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option        | 19-6-2020   | 90,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,3000    |      | 12           | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option        | 19-6-2020   | 90,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,9900     |      | 10           | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option        | 19-6-2020   | 95,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,7700     |      | 10           | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option        | 19-6-2020   | 95,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,6300    |      | 13           | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option        | 19-6-2020   | 100,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,7200     |      | 8            | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option        | 19-6-2020   | 100,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,7200    |      | 16           | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option        | 19-6-2020   | 105,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,9400     |      | 6            | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option        | 19-6-2020   | 105,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 19,0600    |      | 19           | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option        | 19-6-2020   | 110,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,6000     |      | 5            | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option        | 19-6-2020   | 110,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,8100    |      | 23           | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option        | 19-6-2020   | 115,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,6100     |      | 4            | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option        | 19-6-2020   | 115,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 26,9100    |      | 27           | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option        | 19-6-2020   | 120,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7900     |      | 3            | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option        | 19-6-2020   | 120,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 31,1600    |      | 31           | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option        | 19-6-2020   | 140,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1100     |      | 1            | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option        | 19-6-2020   | 140,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 49,6700    |      | 50           | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option        | 19-6-2020   | 150,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7200     |      | 1            | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option        | 19-6-2020   | 150,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 59,3400    |      | 59           | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option        | 18-12-2020  | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 35,3600    |      | 35           | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option        | 18-12-2020  | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7200     |      | 2            | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option        | 18-12-2020  | 70,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 26,7400    |      | 27           | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option        | 18-12-2020  | 70,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8800     |      | 4            | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option        | 18-12-2020  | 75,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,8300    |      | 23           | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option        | 18-12-2020  | 75,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,2600     |      | 5            | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option        | 18-12-2020  | 80,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 19,1600    |      | 19           | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option        | 18-12-2020  | 80,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,8100     |      | 7            | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option        | 18-12-2020  | 85,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,7200    |      | 16           | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option        | 18-12-2020  | 85,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,5400     |      | 9            | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option        | 18-12-2020  | 90,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,6400    |      | 13           | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option        | 18-12-2020  | 90,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,5900    |      | 11           | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option        | 18-12-2020  | 95,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,8500     |      | 10           | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option        | 18-12-2020  | 95,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,9200    |      | 13           | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option        | 18-12-2020  | 100,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,5700     |      | 8            | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option        | 18-12-2020  | 100,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,7400    |      | 16           | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option        | 18-12-2020  | 105,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,8000     |      | 6            | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option        | 18-12-2020  | 105,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 19,0500    |      | 19           | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option        | 18-12-2020  | 110,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,4900     |      | 4            | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option        | 18-12-2020  | 110,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,8000    |      | 23           | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option        | 18-12-2020  | 115,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5900     |      | 4            | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option        | 18-12-2020  | 115,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 26,9400    |      | 27           | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option        | 18-12-2020  | 120,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8900     |      | 3            | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option        | 18-12-2020  | 120,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 31,2800    |      | 31           | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option        | 18-12-2020  | 140,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2900     |      | 1            | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option        | 18-12-2020  | 140,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 49,8000    |      | 50           | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option        | 18-12-2020  | 150,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8200     |      | 1            | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option        | 18-12-2020  | 150,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 59,3700    |      | 59           | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option        | 18-6-2021   | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 35,4800    |      | 35           | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option        | 18-6-2021   | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5900     |      | 3            | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option        | 18-6-2021   | 80,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 19,8100    |      | 20           | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option        | 18-6-2021   | 80,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,5100     |      | 9            | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option        | 18-6-2021   | 85,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,4700    |      | 16           | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option        | 18-6-2021   | 85,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,4100    |      | 10           | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option        | 18-6-2021   | 90,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,3600    |      | 13           | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option        | 18-6-2021   | 90,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,4600    |      | 12           | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option        | 18-6-2021   | 95,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,6100    |      | 11           | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option        | 18-6-2021   | 95,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,9200    |      | 15           | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option        | 18-6-2021   | 100,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,3400     |      | 8            | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option        | 18-6-2021   | 100,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,8200    |      | 18           | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option        | 18-6-2021   | 105,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,5400     |      | 7            | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option        | 18-6-2021   | 105,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,1600    |      | 21           | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option        | 18-6-2021   | 110,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,2300     |      | 5            | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option        | 18-6-2021   | 110,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 24,9400    |      | 25           | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option        | 18-6-2021   | 115,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,2700     |      | 4            | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option        | 18-6-2021   | 115,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 29,0800    |      | 29           | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option        | 18-6-2021   | 120,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5200     |      | 4            | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option        | 18-6-2021   | 120,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 33,3900    |      | 33           | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option        | 18-6-2021   | 140,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7700     |      | 2            | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option        | 18-6-2021   | 140,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 51,8200    |      | 52           | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option        | 18-6-2021   | 150,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2100     |      | 1            | 0             | 22-10-2018         |
| O                | APQ                       | SAP - Stock Option        | 18-6-2021   | 150,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 61,3200    |      | 61           | 0             | 22-10-2018         |
| F                | AQ6                       | Fortum OYJ - Stock Future | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 19,4697    |      | 19           | 0             | 22-10-2018         |
| F                |                           |                           |             |                |                   |                   |        |        |        |             |        |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name              | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|------------------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| F                | AQ8                       | Fortum OYJ - Dividend Future | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1000     |      | 1            | 0             | 59 22-10-2018      |
| F                | AQ8                       | Fortum OYJ - Dividend Future | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1000     |      | 1            | 0             | 0 22-10-2018       |
| F                | AQ8                       | Fortum OYJ - Dividend Future | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1000     |      | 1            | 0             | 0 22-10-2018       |
| O                | ARC                       | Arcadis N.V                  | 16-11-2018  | 10,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,1500     |      | 4            | 0             | 0 22-10-2018       |
| O                | ARC                       | Arcadis N.V                  | 16-11-2018  | 10,0000        | P                 | EUR               | 0,1000 | 0,1000 | 0,1000 | 1           | 0,1000 | 0,0600     |      | 0            | 15            | 60 22-10-2018      |
| O                | ARC                       | Arcadis N.V                  | 16-11-2018  | 11,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2200     |      | 3            | 0             | 0 22-10-2018       |
| O                | ARC                       | Arcadis N.V                  | 16-11-2018  | 11,0000        | P                 | EUR               | 0,1500 | 0,1800 | 0,1200 | 5           | 0,1200 | 0,1300     |      | 0            | 19            | 254 22-10-2018     |
| O                | ARC                       | Arcadis N.V                  | 16-11-2018  | 12,0000        | C                 | EUR               | 1,8000 | 1,8000 | 1,8000 | 1           | 1,8000 | 2,2900     |      | 2            | 2             | 2 22-10-2018       |
| O                | ARC                       | Arcadis N.V                  | 16-11-2018  | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2000     |      | 0            | 0             | 415 22-10-2018     |
| O                | ARC                       | Arcadis N.V                  | 16-11-2018  | 12,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8600     |      | 2            | 0             | 1 22-10-2018       |
| O                | ARC                       | Arcadis N.V                  | 16-11-2018  | 12,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2700     |      | 0            | 0             | 78 22-10-2018      |
| O                | ARC                       | Arcadis N.V                  | 16-11-2018  | 13,0000        | C                 | EUR               | 1,3500 | 1,3500 | 1,3500 | 1           | 1,3500 | 1,4500     |      | 1            | 10            | 70 22-10-2018      |
| O                | ARC                       | Arcadis N.V                  | 16-11-2018  | 13,0000        | P                 | EUR               | 0,4600 | 0,4600 | 0,3500 | 3           | 0,3500 | 0,3600     |      | 0            | 3             | 242 22-10-2018     |
| O                | ARC                       | Arcadis N.V                  | 16-11-2018  | 13,5000        | C                 | EUR               | 0,7500 | 0,9500 | 0,7500 | 3           | 0,9500 | 1,0900     |      | 1            | 7             | 107 22-10-2018     |
| O                | ARC                       | Arcadis N.V                  | 16-11-2018  | 13,5000        | P                 | EUR               | 0,5800 | 0,5800 | 0,5000 | 10          | 0,5100 | 0,5000     |      | 1            | 43            | 270 22-10-2018     |
| O                | ARC                       | Arcadis N.V                  | 16-11-2018  | 14,0000        | C                 | EUR               | 0,5100 | 0,7500 | 0,5100 | 8           | 0,7500 | 0,7800     |      | 1            | 54            | 210 22-10-2018     |
| O                | ARC                       | Arcadis N.V                  | 16-11-2018  | 14,0000        | P                 | EUR               | 0,8000 | 0,8000 | 0,7000 | 5           | 0,7000 | 0,6800     |      | 1            | 28            | 545 22-10-2018     |
| O                | ARC                       | Arcadis N.V                  | 16-11-2018  | 14,5000        | C                 | EUR               | 0,3100 | 0,5300 | 0,3100 | 22          | 0,5300 | 0,5200     |      | 1            | 130           | 325 22-10-2018     |
| O                | ARC                       | Arcadis N.V                  | 16-11-2018  | 14,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9300     |      | 1            | 0             | 108 22-10-2018     |
| O                | ARC                       | Arcadis N.V                  | 16-11-2018  | 15,0000        | C                 | EUR               | 0,1700 | 0,3300 | 0,1700 | 8           | 0,3300 | 0,3300     |      | 0            | 29            | 76 22-10-2018      |
| O                | ARC                       | Arcadis N.V                  | 16-11-2018  | 15,0000        | P                 | EUR               | 1,3000 | 1,3000 | 1,3000 | 1           | 1,3000 | 1,2400     |      | 1            | 2             | 88 22-10-2018      |
| O                | ARC                       | Arcadis N.V                  | 16-11-2018  | 15,5000        | C                 | EUR               | 0,1300 | 0,1800 | 0,1300 | 2           | 0,1800 | 0,1900     |      | 0            | 2             | 284 22-10-2018     |
| O                | ARC                       | Arcadis N.V                  | 16-11-2018  | 15,5000        | P                 | EUR               | 1,5500 | 1,5500 | 1,5500 | 2           | 1,5500 | 1,6000     |      | 2            | 4             | 135 22-10-2018     |
| O                | ARC                       | Arcadis N.V                  | 16-11-2018  | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1000     |      | 0            | 0             | 69 22-10-2018      |
| O                | ARC                       | Arcadis N.V                  | 16-11-2018  | 16,0000        | P                 | EUR               | 2,5500 | 2,5500 | 2,5500 | 1           | 2,5500 | 2,0100     |      | 2            | 1             | 54 22-10-2018      |
| O                | ARC                       | Arcadis N.V                  | 16-11-2018  | 16,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     |      | 0            | 0             | 19 22-10-2018      |
| O                | ARC                       | Arcadis N.V                  | 16-11-2018  | 16,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4600     |      | 2            | 0             | 18 22-10-2018      |
| O                | ARC                       | Arcadis N.V                  | 16-11-2018  | 17,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     |      | 0            | 0             | 55 22-10-2018      |
| O                | ARC                       | Arcadis N.V                  | 16-11-2018  | 17,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9400     |      | 3            | 0             | 10 22-10-2018      |
| O                | ARC                       | Arcadis N.V                  | 16-11-2018  | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 16 22-10-2018      |
| O                | ARC                       | Arcadis N.V                  | 16-11-2018  | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9200     |      | 4            | 0             | 0 22-10-2018       |
| O                | ARC                       | Arcadis N.V                  | 16-11-2018  | 19,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0 22-10-2018       |
| O                | ARC                       | Arcadis N.V                  | 16-11-2018  | 19,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,9100     |      | 5            | 0             | 2 22-10-2018       |
| O                | ARC                       | Arcadis N.V                  | 21-12-2018  | 9,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,1900     |      | 5            | 0             | 20 22-10-2018      |
| O                | ARC                       | Arcadis N.V                  | 21-12-2018  | 9,0000         | P                 | EUR               | 0,1100 | 0,1100 | 0,1100 | 1           | 0,1100 | 0,1000     |      | 0            | 7             | 25 22-10-2018      |
| O                | ARC                       | Arcadis N.V                  | 21-12-2018  | 10,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,2400     |      | 4            | 0             | 12 22-10-2018      |
| O                | ARC                       | Arcadis N.V                  | 21-12-2018  | 10,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1500     |      | 0            | 0             | 152 22-10-2018     |
| O                | ARC                       | Arcadis N.V                  | 21-12-2018  | 11,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,3100     |      | 3            | 0             | 5 22-10-2018       |
| O                | ARC                       | Arcadis N.V                  | 21-12-2018  | 11,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2200     |      | 0            | 0             | 21 22-10-2018      |
| O                | ARC                       | Arcadis N.V                  | 21-12-2018  | 12,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4300     |      | 2            | 0             | 163 22-10-2018     |
| O                | ARC                       | Arcadis N.V                  | 21-12-2018  | 12,0000        | P                 | EUR               | 0,4500 | 0,4500 | 0,4100 | 2           | 0,4100 | 0,3400     |      | 0            | 12            | 1093 22-10-2018    |
| O                | ARC                       | Arcadis N.V                  | 21-12-2018  | 12,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0100     |      | 2            | 0             | 0 22-10-2018       |
| O                | ARC                       | Arcadis N.V                  | 21-12-2018  | 12,5000        | P                 | EUR               | 0,4600 | 0,4600 | 0,4300 | 3           | 0,4300 | 0,4200     |      | 0            | 23            | 33 22-10-2018      |
| O                | ARC                       | Arcadis N.V                  | 21-12-2018  | 13,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6400     |      | 2            | 0             | 77 22-10-2018      |
| O                | ARC                       | Arcadis N.V                  | 21-12-2018  | 13,0000        | P                 | EUR               | 0,7500 | 0,7500 | 0,7500 | 3           | 0,7500 | 0,5500     |      | 1            | 10            | 296 22-10-2018     |
| O                | ARC                       | Arcadis N.V                  | 21-12-2018  | 13,5000        | C                 | EUR               | 1,0000 | 1,0000 | 1,0000 | 2           | 1,0000 | 1,2900     |      | 1            | 50            | 51 22-10-2018      |
| O                | ARC                       | Arcadis N.V                  | 21-12-2018  | 13,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7000     |      | 1            | 0             | 22 22-10-2018      |
| O                | ARC                       | Arcadis N.V                  | 21-12-2018  | 14,0000        | C                 | EUR               | 0,6500 | 0,9500 | 0,6500 | 11          | 0,9500 | 0,9800     |      | 1            | 107           | 254 22-10-2018     |
| O                | ARC                       | Arcadis N.V                  | 21-12-2018  | 14,0000        | P                 | EUR               | 1,0500 | 1,0500 | 1,0500 | 2           | 1,0500 | 0,9000     |      | 1            | 30            | 461 22-10-2018     |
| O                | ARC                       | Arcadis N.V                  | 21-12-2018  | 14,5000        | C                 | EUR               | 0,6000 | 0,7000 | 0,6000 | 2           | 0,7000 | 0,7200     |      | 1            | 3             | 48 22-10-2018      |
| O                | ARC                       | Arcadis N.V                  | 21-12-2018  | 14,5000        | P                 | EUR               | 1,5000 | 1,5000 | 1,5000 | 2           | 1,5000 | 1,1300     |      | 1            | 21            | 126 22-10-2018     |
| O                | ARC                       | Arcadis N.V                  | 21-12-2018  | 15,0000        | C                 | EUR               | 0,4000 | 0,5000 | 0,4000 | 3           | 0,5000 | 0,5100     |      | 1            | 4             | 301 22-10-2018     |
| O                | ARC                       | Arcadis N.V                  | 21-12-2018  | 15,0000        | P                 | EUR               | 1,5000 | 1,5000 | 1,5000 | 2           | 1,5000 | 1,4200     |      | 1            | 25            | 415 22-10-2018     |
| O                | ARC                       | Arcadis N.V                  | 21-12-2018  | 15,5000        | C                 | EUR               | 0,2300 | 0,2300 | 0,2300 | 1           | 0,2300 | 0,3500     |      | 0            | 3             | 54 22-10-2018      |
| O                | ARC                       | Arcadis N.V                  | 21-12-2018  | 15,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7600     |      | 2            | 0             | 3 22-10-2018       |
| O                | ARC                       | Arcadis N.V                  | 21-12-2018  | 16,0000        | C                 | EUR               | 0,2100 | 0,2200 | 0,2000 | 3           | 0,2200 | 0,2300     |      | 0            | 4             | 1623 22-10-2018    |
| O                | ARC                       | Arcadis N.V                  | 21-12-2018  | 16,0000        | P                 | EUR               | 2,3600 | 2,3600 | 2,1500 | 10          | 2,2000 | 2,1400     |      | 2            | 101           | 432 22-10-2018     |
| O                | ARC                       | Arcadis N.V                  | 21-12-2018  | 17,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1000     |      | 0            | 0             | 270 22-10-2018     |
| O                | ARC                       | Arcadis N.V                  | 21-12-2018  | 17,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0200     |      | 3            | 0             | 289 22-10-2018     |
| O                | ARC                       | Arcadis N.V                  | 21-12-2018  | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     |      | 0            | 0             | 321 22-10-2018     |
| O                | ARC                       | Arcadis N.V                  | 21-12-2018  | 18,0000        | P                 | EUR               | 4,3000 | 4,3000 | 4,3000 | 1           | 4,3000 | 3,9600     |      | 4            | 2             | 245 22-10-2018     |
| O                | ARC                       | Arcadis N.V                  | 21-12-2018  | 19,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 0             | 196 22-10-2018     |
| O                | ARC                       | Arcadis N.V                  | 21-12-2018  | 19,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,9300     |      | 5            | 0             | 212 22-10-2018     |
| O                | ARC                       | Arcadis N.V                  | 21-12-2018  | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 145 22-10-2018     |
| O                | ARC                       | Arcadis N.V                  | 21-12-2018  | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,9200     |      | 6            | 0             | 216 22-10-2018     |
| O                | ARC                       | Arcadis N.V                  | 21-12-2018  | 22,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 92 22-10-2018      |
| O                | ARC                       | Arcadis N.V                  | 21-12-2018  | 22,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,9200     |      | 8            | 0             | 108 22-10-2018     |
| O                | ARC                       | Arcadis N.V                  | 21-12-2018  | 24,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0 22-10-2018       |
| O                | ARC                       | Arcadis N.V                  | 21-12-2018  | 24,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,9200     |      | 10           | 0             | 34 22-10-2018      |
| O                | ARC                       | Arcadis N.V                  | 18-1-2019   | 10,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,2400     |      | 4            | 0             | 0 22-10-2018       |
| O                | ARC                       | Arcadis N.V                  | 18-1-2019   | 10,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1600     |      | 0            | 0             | 0 22-10-2018       |
| O                | ARC                       | Arcadis N.V                  | 18-1-2019   | 11,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3200     |      | 3            | 0             | 0 22-10-2018       |
| O                | ARC                       | Arcadis N.V                  | 18-1-2019   | 11,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2400     |      | 0            | 0             | 0 22-10-2018       |
| O                | ARC                       | Arcadis N.V                  | 18-1-2019   | 12,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4700     |      | 2            | 0             | 0 22-10-2018       |
| O                | ARC                       | Arcadis N.V                  | 18-1-2019   | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3800     |      | 0            | 0             | 0 22-10-2018       |
| O                | ARC                       | Arcadis N.V                  | 18-1-2019   | 13,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6900     |      | 2            | 0             | 0 22-10-2018       |
| O                | ARC                       | Arcadis N.V                  | 18-1-2019   | 13,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6000     |      | 1            | 0             | 0 22-10-2018       |
| O                | ARC                       | Arcadis N.V                  |             |                |                   |                   |        |        |        |             |        |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name                         | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|---|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | ARC                       | Arcadis N.V                             | 18-1-2019   | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2900     | 0    | 0            | 0             | 22-10-2018         |
| O                | ARC                       | Arcadis N.V                             | 18-1-2019   | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2100     | 2    | 0            | 0             | 22-10-2018         |
| O                | ARC                       | Arcadis N.V                             | 18-1-2019   | 17,0000        | C                 | EUR               | 0,1200 | 0,1200 | 0,1200 | 1           | 0,1200 | 0,1300     | 0    | 3            | 3             | 22-10-2018         |
| O                | ARC                       | Arcadis N.V                             | 18-1-2019   | 17,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0600     | 3    | 0            | 0             | 22-10-2018         |
| O                | ARC                       | Arcadis N.V                             | 15-3-2019   | 8,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,1800     | 6    | 0            | 0             | 22-10-2018         |
| O                | ARC                       | Arcadis N.V                             | 15-3-2019   | 8,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1000     | 0    | 0            | 0             | 22-10-2018         |
| O                | ARC                       | Arcadis N.V                             | 15-3-2019   | 9,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,2800     | 5    | 0            | 5             | 22-10-2018         |
| O                | ARC                       | Arcadis N.V                             | 15-3-2019   | 9,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2000     | 0    | 0            | 134           | 22-10-2018         |
| O                | ARC                       | Arcadis N.V                             | 15-3-2019   | 10,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,3700     | 4    | 0            | 80            | 22-10-2018         |
| O                | ARC                       | Arcadis N.V                             | 15-3-2019   | 10,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2900     | 0    | 0            | 518           | 22-10-2018         |
| O                | ARC                       | Arcadis N.V                             | 15-3-2019   | 12,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6800     | 3    | 0            | 46            | 22-10-2018         |
| O                | ARC                       | Arcadis N.V                             | 15-3-2019   | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6000     | 1    | 0            | 1787          | 22-10-2018         |
| O                | ARC                       | Arcadis N.V                             | 15-3-2019   | 13,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9500     | 2    | 0            | 40            | 22-10-2018         |
| O                | ARC                       | Arcadis N.V                             | 15-3-2019   | 13,0000        | P                 | EUR               | 0,9000 | 0,9000 | 0,9000 | 1           | 0,9000 | 0,8800     | 1    | 20           | 194           | 22-10-2018         |
| O                | ARC                       | Arcadis N.V                             | 15-3-2019   | 14,0000        | C                 | EUR               | 1,1500 | 1,1500 | 1,1500 | 4           | 1,1500 | 1,3300     | 1    | 50           | 213           | 22-10-2018         |
| O                | ARC                       | Arcadis N.V                             | 15-3-2019   | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2600     | 1    | 0            | 199           | 22-10-2018         |
| O                | ARC                       | Arcadis N.V                             | 15-3-2019   | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8500     | 1    | 0            | 116           | 22-10-2018         |
| O                | ARC                       | Arcadis N.V                             | 15-3-2019   | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7800     | 2    | 0            | 302           | 22-10-2018         |
| O                | ARC                       | Arcadis N.V                             | 15-3-2019   | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5100     | 1    | 0            | 169           | 22-10-2018         |
| O                | ARC                       | Arcadis N.V                             | 15-3-2019   | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4400     | 2    | 0            | 520           | 22-10-2018         |
| O                | ARC                       | Arcadis N.V                             | 15-3-2019   | 17,0000        | C                 | EUR               | 0,2100 | 0,2200 | 0,2100 | 2           | 0,2200 | 0,2800     | 0    | 5            | 142           | 22-10-2018         |
| O                | ARC                       | Arcadis N.V                             | 15-3-2019   | 17,0000        | P                 | EUR               | 3,3000 | 3,3000 | 3,3000 | 7           | 3,3000 | 3,2100     | 3    | 100          | 479           | 22-10-2018         |
| O                | ARC                       | Arcadis N.V                             | 15-3-2019   | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1500     | 0    | 0            | 112           | 22-10-2018         |
| O                | ARC                       | Arcadis N.V                             | 15-3-2019   | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,0800     | 4    | 0            | 78            | 22-10-2018         |
| O                | ARC                       | Arcadis N.V                             | 15-3-2019   | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     | 0    | 0            | 117           | 22-10-2018         |
| O                | ARC                       | Arcadis N.V                             | 15-3-2019   | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,9800     | 6    | 0            | 70            | 22-10-2018         |
| O                | ARC                       | Arcadis N.V                             | 15-3-2019   | 22,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 120           | 22-10-2018         |
| O                | ARC                       | Arcadis N.V                             | 15-3-2019   | 22,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,9500     | 8    | 0            | 14            | 22-10-2018         |
| O                | ARC                       | Arcadis N.V                             | 21-6-2019   | 8,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,2400     | 6    | 0            | 0             | 22-10-2018         |
| O                | ARC                       | Arcadis N.V                             | 21-6-2019   | 8,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2900     | 0    | 0            | 0             | 22-10-2018         |
| O                | ARC                       | Arcadis N.V                             | 21-6-2019   | 9,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,3100     | 5    | 0            | 0             | 22-10-2018         |
| O                | ARC                       | Arcadis N.V                             | 21-6-2019   | 9,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3800     | 0    | 0            | 13            | 22-10-2018         |
| O                | ARC                       | Arcadis N.V                             | 21-6-2019   | 10,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,4200     | 4    | 0            | 1             | 22-10-2018         |
| O                | ARC                       | Arcadis N.V                             | 21-6-2019   | 10,0000        | P                 | EUR               | 0,6000 | 0,6000 | 0,6000 | 1           | 0,6000 | 0,5200     | 1    | 10           | 13            | 22-10-2018         |
| O                | ARC                       | Arcadis N.V                             | 21-6-2019   | 12,0000        | C                 | EUR               | 2,4500 | 2,7000 | 2,4500 | 3           | 2,7000 | 2,7900     | 3    | 23           | 23            | 22-10-2018         |
| O                | ARC                       | Arcadis N.V                             | 21-6-2019   | 12,0000        | P                 | EUR               | 1,0500 | 1,0500 | 1,0500 | 2           | 1,0500 | 0,9800     | 1    | 30           | 120           | 22-10-2018         |
| O                | ARC                       | Arcadis N.V                             | 21-6-2019   | 13,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0700     | 2    | 0            | 1             | 22-10-2018         |
| O                | ARC                       | Arcadis N.V                             | 21-6-2019   | 13,0000        | P                 | EUR               | 1,4500 | 1,4500 | 1,4500 | 1           | 1,4500 | 1,3000     | 1    | 10           | 27            | 22-10-2018         |
| O                | ARC                       | Arcadis N.V                             | 21-6-2019   | 14,0000        | C                 | EUR               | 1,4000 | 1,4000 | 1,4000 | 1           | 1,4000 | 1,5200     | 2    | 1            | 88            | 22-10-2018         |
| O                | ARC                       | Arcadis N.V                             | 21-6-2019   | 14,0000        | P                 | EUR               | 1,8700 | 1,8700 | 1,8700 | 1           | 1,8700 | 1,7900     | 2    | 1            | 58            | 22-10-2018         |
| O                | ARC                       | Arcadis N.V                             | 21-6-2019   | 15,0000        | C                 | EUR               | 0,9500 | 0,9500 | 0,9500 | 1           | 0,9500 | 1,0500     | 1    | 3            | 7             | 22-10-2018         |
| O                | ARC                       | Arcadis N.V                             | 21-6-2019   | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3600     | 2    | 0            | 15            | 22-10-2018         |
| O                | ARC                       | Arcadis N.V                             | 21-6-2019   | 16,0000        | C                 | EUR               | 0,5500 | 0,6500 | 0,5500 | 4           | 0,6500 | 0,6700     | 1    | 6            | 76            | 22-10-2018         |
| O                | ARC                       | Arcadis N.V                             | 21-6-2019   | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0100     | 3    | 0            | 46            | 22-10-2018         |
| O                | ARC                       | Arcadis N.V                             | 21-6-2019   | 18,0000        | C                 | EUR               | 0,2200 | 0,2500 | 0,2200 | 2           | 0,2500 | 0,2500     | 0    | 5            | 30            | 22-10-2018         |
| O                | ARC                       | Arcadis N.V                             | 21-6-2019   | 18,0000        | P                 | EUR               | 4,8000 | 4,8000 | 4,8000 | 2           | 4,8000 | 4,6200     | 5    | 2            | 229           | 22-10-2018         |
| O                | ARC                       | Arcadis N.V                             | 21-6-2019   | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1000     | 0    | 0            | 0             | 22-10-2018         |
| O                | ARC                       | Arcadis N.V                             | 21-6-2019   | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,4800     | 6    | 0            | 14            | 22-10-2018         |
| O                | ARC                       | Arcadis N.V                             | 21-6-2019   | 22,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     | 0    | 0            | 0             | 22-10-2018         |
| O                | ARC                       | Arcadis N.V                             | 21-6-2019   | 22,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,4300     | 8    | 0            | 0             | 22-10-2018         |
| F                | AS6                       | ASML Holding NV - Stock Future          | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 152,7381   | 153  | 0            | 0             | 22-10-2018         |
| F                | AS6                       | ASML Holding NV - Stock Future          | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 152,6796   | 153  | 0            | 0             | 22-10-2018         |
| F                | AS6                       | ASML Holding NV - Stock Future          | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 152,6327   | 153  | 0            | 0             | 22-10-2018         |
| F                | AS6                       | ASML Holding NV - Stock Future          | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 152,5812   | 153  | 0            | 0             | 22-10-2018         |
| F                | AS6                       | ASML Holding NV - Stock Future          | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 151,3467   | 151  | 0            | 0             | 22-10-2018         |
| F                | AS6                       | ASML Holding NV - Stock Future          | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 151,2222   | 151  | 0            | 0             | 22-10-2018         |
| F                | AS8                       | ASML Holding - Dividend Future          | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4000     | 1    | 0            | 300           | 22-10-2018         |
| F                | AS8                       | ASML Holding - Dividend Future          | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6500     | 2    | 0            | 0             | 22-10-2018         |
| F                | AS8                       | ASML Holding - Dividend Future          | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1000     | 2    | 0            | 0             | 22-10-2018         |
| F                | AS8                       | ASML Holding - Dividend Future          | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7000     | 3    | 0            | 0             | 22-10-2018         |
| F                | AS8                       | ASML Holding - Dividend Future          | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7000     | 3    | 0            | 0             | 22-10-2018         |
| O                | AS9                       | ASML Holding NV - European Stock Option | 16-11-2018  | 120,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 33,0700    | 33   | 0            | 0             | 22-10-2018         |
| O                | AS9                       | ASML Holding NV - European Stock Option | 16-11-2018  | 120,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2400     | 0    | 0            | 0             | 22-10-2018         |
| O                | AS9                       | ASML Holding NV - European Stock Option | 16-11-2018  | 130,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 23,3800    | 23   | 0            | 0             | 22-10-2018         |
| O                | AS9                       | ASML Holding NV - European Stock Option | 16-11-2018  | 130,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5500     | 1    | 0            | 0             | 22-10-2018         |
| O                | AS9                       | ASML Holding NV - European Stock Option | 16-11-2018  | 140,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,2800    | 14   | 0            | 0             | 22-10-2018         |
| O                | AS9                       | ASML Holding NV - European Stock Option | 16-11-2018  | 140,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4900     | 1    | 0            | 0             | 22-10-2018         |
| O                | AS9                       | ASML Holding NV - European Stock Option | 16-11-2018  | 142,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,6400    | 13   | 0            | 0             | 22-10-2018         |
| O                | AS9                       | ASML Holding NV - European Stock Option | 16-11-2018  | 142,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8400     | 2    | 0            | 0             | 22-10-2018         |
| O                | AS9                       | ASML Holding NV - European Stock Option | 16-11-2018  | 144,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,0100    | 11   | 0            | 0             | 22-10-2018         |
| O                | AS9                       | ASML Holding NV - European Stock Option | 16-11-2018  | 144,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2600     | 2    | 0            | 0             | 22-10-2018         |
| O                | AS9                       | ASML Holding NV - European Stock Option | 16-11-2018  | 145,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,2200    | 10   | 0            | 0             | 22-10-2018         |
| O                | AS9                       | ASML Holding NV - European Stock Option | 16-11-2018  | 145,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4900     | 2    | 0            | 0             | 22-10-2018         |
| O                | AS9                       | ASML Holding NV - European Stock Option | 16-11-2018  | 146,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,5300     | 10   | 0            | 0             | 22-10-2018         |
| O                | AS9                       | ASML Holding NV - European Stock Option | 16-11-2018  | 146,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7700     | 3    | 0            | 0             | 22-10-2018         |
| O                | AS9                       | ASML Holding NV - European Stock Option | 16-11-2018  | 148,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,1500     | 8    | 0            | 0             | 22-10-2018         |
| O                | AS9                       | ASML Holding NV - European Stock Option | 16-11-2018  | 148,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3500     | 3    | 0            | 0             | 22-10-2018         |



Euronext Amsterdam N.V. – Beursplein 5, Amsterdam – Tel: +31 (0) 20 721 4444



Euronext Amsterdam N.V. – Beursplein 5, Amsterdam – Tel: +31 (0) 20 721 4444



| Instrument Type* | Instrument Trading Symbol | Instrument Name                         | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open     | High     | Low      | Trade Count | Close    | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|---|-------------|----------------|-------------------|-------------------|----------|----------|----------|-------------|----------|------------|------|--------------|---------------|--------------------|
| O                | AS9                       | ASML Holding NV - European Stock Option | 20-9-2019   | 250,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,4400     | 0    | 0            | 0             | 22-10-2018         |
| O                | AS9                       | ASML Holding NV - European Stock Option | 20-9-2019   | 250,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 99,9300    | 100  | 0            | 0             | 22-10-2018         |
| O                | AS9                       | ASML Holding NV - European Stock Option | 20-12-2019  | 100,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 54,1200    | 54   | 0            | 0             | 22-10-2018         |
| O                | AS9                       | ASML Holding NV - European Stock Option | 20-12-2019  | 100,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 2,7800     | 3    | 0            | 0             | 22-10-2018         |
| O                | AS9                       | ASML Holding NV - European Stock Option | 20-12-2019  | 120,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 37,5600    | 38   | 0            | 0             | 22-10-2018         |
| O                | AS9                       | ASML Holding NV - European Stock Option | 20-12-2019  | 120,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 6,3400     | 6    | 0            | 0             | 22-10-2018         |
| O                | AS9                       | ASML Holding NV - European Stock Option | 20-12-2019  | 140,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 24,0300    | 24   | 0            | 0             | 22-10-2018         |
| O                | AS9                       | ASML Holding NV - European Stock Option | 20-12-2019  | 140,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 12,8500    | 13   | 0            | 0             | 22-10-2018         |
| O                | AS9                       | ASML Holding NV - European Stock Option | 20-12-2019  | 160,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 14,1300    | 14   | 0            | 0             | 22-10-2018         |
| O                | AS9                       | ASML Holding NV - European Stock Option | 20-12-2019  | 160,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 23,0100    | 23   | 0            | 0             | 22-10-2018         |
| O                | AS9                       | ASML Holding NV - European Stock Option | 20-12-2019  | 180,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 7,7500     | 8    | 0            | 0             | 22-10-2018         |
| O                | AS9                       | ASML Holding NV - European Stock Option | 20-12-2019  | 180,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 36,8800    | 37   | 0            | 0             | 22-10-2018         |
| O                | AS9                       | ASML Holding NV - European Stock Option | 20-12-2019  | 200,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 4,1400     | 4    | 0            | 0             | 22-10-2018         |
| O                | AS9                       | ASML Holding NV - European Stock Option | 20-12-2019  | 200,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 53,3300    | 53   | 0            | 0             | 22-10-2018         |
| O                | AS9                       | ASML Holding NV - European Stock Option | 20-12-2019  | 300,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,3500     | 0    | 0            | 0             | 22-10-2018         |
| O                | AS9                       | ASML Holding NV - European Stock Option | 20-12-2019  | 300,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 150,0100   | 150  | 0            | 0             | 22-10-2018         |
| O                | ASL                       | ASML Holding NV                         | 16-11-2018  | 120,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 33,0000    | 33   | 0            | 158           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV                         | 16-11-2018  | 120,0000       | P                 | EUR               | 0,2400   | 0,2400   | 0,2300   | 3           | 0,2300   | 0,2500     | 0    | 4            | 254           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV                         | 16-11-2018  | 130,0000       | C                 | EUR               | 25,3000  | 25,4500  | 25,3000  | 2           | 25,4500  | 23,2900    | 23   | 9            | 42            | 22-10-2018         |
| O                | ASL                       | ASML Holding NV                         | 16-11-2018  | 130,0000       | P                 | EUR               | 0,4600   | 0,6000   | 0,4300   | 7           | 0,6000   | 0,5600     | 1    | 11           | 316           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV                         | 16-11-2018  | 135,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 18,6600    | 19   | 0            | 0             | 22-10-2018         |
| O                | ASL                       | ASML Holding NV                         | 16-11-2018  | 135,0000       | P                 | EUR               | 0,6500   | 0,9300   | 0,6500   | 12          | 0,8700   | 0,9000     | 1    | 47           | 2367          | 22-10-2018         |
| O                | ASL                       | ASML Holding NV                         | 16-11-2018  | 140,0000       | C                 | EUR               | 15,3000  | 15,3000  | 15,3000  | 1           | 15,3000  | 14,2500    | 14   | 1            | 62            | 22-10-2018         |
| O                | ASL                       | ASML Holding NV                         | 16-11-2018  | 140,0000       | P                 | EUR               | 1,1800   | 1,6000   | 1,0400   | 18          | 1,5800   | 1,5100     | 2    | 59           | 411           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV                         | 16-11-2018  | 142,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 12,5700    | 13   | 0            | 28            | 22-10-2018         |
| O                | ASL                       | ASML Holding NV                         | 16-11-2018  | 142,0000       | P                 | EUR               | 1,5600   | 1,8200   | 1,5600   | 7           | 1,7300   | 1,8400     | 2    | 34           | 85            | 22-10-2018         |
| O                | ASL                       | ASML Holding NV                         | 16-11-2018  | 144,0000       | C                 | EUR               | 11,5500  | 11,5500  | 11,5500  | 1           | 11,5500  | 11,0100    | 11   | 10           | 44            | 22-10-2018         |
| O                | ASL                       | ASML Holding NV                         | 16-11-2018  | 144,0000       | P                 | EUR               | 1,6600   | 2,2400   | 1,6600   | 3           | 2,2400   | 2,2800     | 2    | 20           | 85            | 22-10-2018         |
| O                | ASL                       | ASML Holding NV                         | 16-11-2018  | 145,0000       | C                 | EUR               | 11,3500  | 11,3500  | 11,3500  | 2           | 11,3500  | 10,2300    | 10   | 10           | 181           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV                         | 16-11-2018  | 145,0000       | P                 | EUR               | 2,0800   | 2,4500   | 2,0000   | 9           | 2,3700   | 2,5000     | 3    | 18           | 2559          | 22-10-2018         |
| O                | ASL                       | ASML Holding NV                         | 16-11-2018  | 146,0000       | C                 | EUR               | 10,4500  | 10,4500  | 9,6000   | 2           | 9,6000   | 9,5100     | 10   | 2            | 31            | 22-10-2018         |
| O                | ASL                       | ASML Holding NV                         | 16-11-2018  | 146,0000       | P                 | EUR               | 2,3000   | 3,0000   | 2,3000   | 4           | 2,5600   | 2,7500     | 3    | 10           | 48            | 22-10-2018         |
| O                | ASL                       | ASML Holding NV                         | 16-11-2018  | 148,0000       | C                 | EUR               | 9,5000   | 9,5000   | 9,5000   | 1           | 9,5000   | 8,1200     | 8    | 3            | 33            | 22-10-2018         |
| O                | ASL                       | ASML Holding NV                         | 16-11-2018  | 148,0000       | P                 | EUR               | 2,7200   | 3,5500   | 2,7200   | 3           | 3,5500   | 3,3700     | 3    | 3            | 87            | 22-10-2018         |
| O                | ASL                       | ASML Holding NV                         | 16-11-2018  | 150,0000       | C                 | EUR               | 9,4500   | 9,4500   | 6,6000   | 19          | 7,2000   | 6,8500     | 7    | 76           | 92            | 22-10-2018         |
| O                | ASL                       | ASML Holding NV                         | 16-11-2018  | 150,0000       | P                 | EUR               | 3,2500   | 4,5000   | 3,2500   | 19          | 3,8000   | 4,0800     | 4    | 46           | 745           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV                         | 16-11-2018  | 152,0000       | C                 | EUR               | 6,7500   | 6,7500   | 5,7000   | 3           | 5,7000   | 5,6700     | 6    | 5            | 58            | 22-10-2018         |
| O                | ASL                       | ASML Holding NV                         | 16-11-2018  | 152,0000       | P                 | EUR               | 4,1500   | 5,2000   | 4,1500   | 8           | 4,6300   | 4,9200     | 5    | 44           | 105           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV                         | 16-11-2018  | 154,0000       | C                 | EUR               | 6,8000   | 6,9000   | 4,2500   | 20          | 5,0000   | 4,6400     | 5    | 121          | 180           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV                         | 16-11-2018  | 154,0000       | P                 | EUR               | 4,1300   | 6,1000   | 4,1300   | 7           | 5,6500   | 5,9100     | 6    | 8            | 121           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV                         | 16-11-2018  | 155,0000       | C                 | EUR               | 5,7000   | 5,9500   | 4,0400   | 13          | 4,5500   | 4,1600     | 4    | 37           | 334           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV                         | 16-11-2018  | 155,0000       | P                 | EUR               | 4,5200   | 6,6500   | 4,5200   | 13          | 6,0500   | 6,4100     | 6    | 91           | 249           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV                         | 16-11-2018  | 156,0000       | C                 | EUR               | 5,5000   | 5,5000   | 3,8900   | 8           | 3,8900   | 3,7300     | 4    | 19           | 90            | 22-10-2018         |
| O                | ASL                       | ASML Holding NV                         | 16-11-2018  | 156,0000       | P                 | EUR               | 5,1000   | 6,1000   | 5,1000   | 2           | 6,1000   | 6,9900     | 7    | 2            | 1028          | 22-10-2018         |
| O                | ASL                       | ASML Holding NV                         | 16-11-2018  | 158,0000       | C                 | EUR               | 4,5000   | 4,5000   | 3,0000   | 23          | 3,0900   | 2,9600     | 3    | 86           | 121           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV                         | 16-11-2018  | 158,0000       | P                 | EUR               | 7,6000   | 7,6000   | 7,6000   | 1           | 7,6000   | 8,2100     | 8    | 1            | 123           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV                         | 16-11-2018  | 160,0000       | C                 | EUR               | 3,4000   | 3,8500   | 2,2000   | 47          | 2,5000   | 2,3600     | 2    | 120          | 891           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV                         | 16-11-2018  | 160,0000       | P                 | EUR               | 8,0000   | 9,1000   | 8,0000   | 10          | 9,1000   | 9,5800     | 10   | 13           | 407           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV                         | 16-11-2018  | 162,0000       | C                 | EUR               | 3,0500   | 3,0500   | 1,8000   | 28          | 2,0200   | 1,8400     | 2    | 69           | 139           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV                         | 16-11-2018  | 162,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 11,0700    | 11   | 0            | 142           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV                         | 16-11-2018  | 164,0000       | C                 | EUR               | 2,4700   | 2,4700   | 1,3400   | 12          | 1,5400   | 1,3800     | 1    | 35           | 207           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV                         | 16-11-2018  | 164,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 12,6200    | 13   | 0            | 102           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV                         | 16-11-2018  | 165,0000       | C                 | EUR               | 2,1500   | 2,1500   | 1,1300   | 37          | 1,3200   | 1,2300     | 1    | 121          | 975           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV                         | 16-11-2018  | 165,0000       | P                 | EUR               | 11,7000  | 12,9000  | 11,7000  | 4           | 12,9000  | 13,4700    | 13   | 17           | 197           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV                         | 16-11-2018  | 166,0000       | C                 | EUR               | 1,4500   | 1,4500   | 1,0800   | 6           | 1,2000   | 1,0600     | 1    | 11           | 153           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV                         | 16-11-2018  | 166,0000       | P                 | EUR               | 11,7500  | 14,7000  | 11,7500  | 9           | 13,7000  | 14,3000    | 14   | 81           | 74            | 22-10-2018         |
| O                | ASL                       | ASML Holding NV                         | 16-11-2018  | 168,0000       | C                 | EUR               | 1,3000   | 1,3000   | 0,8200   | 10          | 0,8700   | 0,8200     | 1    | 19           | 179           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV                         | 16-11-2018  | 168,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 16,0700    | 16   | 0            | 16            | 22-10-2018         |
| O                | ASL                       | ASML Holding NV                         | 16-11-2018  | 170,0000       | C                 | EUR               | 0,9400   | 1,0500   | 0,6300   | 18          | 0,6300   | 0,6200     | 1    | 63           | 1614          | 22-10-2018         |
| O                | ASL                       | ASML Holding NV                         | 16-11-2018  | 170,0000       | P                 | EUR               | 15,0500  | 15,0500  | 15,0500  | 2           | 15,0500  | 17,8800    | 18   | 13           | 324           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV                         | 16-11-2018  | 172,0000       | C                 | EUR               | 0,6500   | 0,7400   | 0,4800   | 6           | 0,4800   | 0,4900     | 0    | 33           | 159           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV                         | 16-11-2018  | 172,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 19,7500    | 20   | 0            | 37            | 22-10-2018         |
| O                | ASL                       | ASML Holding NV                         | 16-11-2018  | 175,0000       | C                 | EUR               | 0,4700   | 0,4700   | 0,3200   | 10          | 0,3800   | 0,3400     | 0    | 20           | 387           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV                         | 16-11-2018  | 175,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 22,5900    | 23   | 0            | 331           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV                         | 16-11-2018  | 180,0000       | C                 | EUR               | 0,2400   | 0,2600   | 0,1800   | 11          | 0,1800   | 0,2000     | 0    | 23           | 434           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV                         | 16-11-2018  | 180,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 27,4200    | 27   | 0            | 119           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV                         | 16-11-2018  | 185,0000       | C                 | EUR               | 0,1500   | 0,1500   | 0,1500   | 1           | 0,1500   | 0,1100     | 0    | 1            | 357           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV                         | 16-11-2018  | 185,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 32,3500    | 32   | 0            | 121           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV                         | 16-11-2018  | 190,0000       | C                 | EUR               | 0,0700   | 0,0800   | 0,0700   | 4           | 0,0800   | 0,0700     | 0    | 80           | 411           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV                         | 16-11-2018  | 190,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 37,3500    | 37   | 0            | 111           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV                         | 16-11-2018  | 200,0000       | C                 | EUR               | 0,0400   | 0,0400   | 0,0400   | 1           | 0,0400   | 0,0600     | 0    | 5            | 30            | 22-10-2018         |
| O                | ASL                       | ASML Holding NV                         | 16-11-2018  | 200,0000       | P                 | EUR               | 46,2500  | 46,2500  | 46,2500  | 1           | 46,2500  | 47,3300    | 47   | 1            | 93            | 22-10-2018         |
| O                | ASL                       | ASML Holding NV                         | 16-11-2018  | 210,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,0200     | 0    | 0            | 13            | 22-10-2018         |
| O                | ASL                       | ASML Holding NV                         | 16-11-2018  | 210,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 57,3100    | 57   | 0            | 52            | 22-10-2018         |
| O                | ASL                       | ASML Holding NV                         | 21-12-2018  | 40,0000        | C                 | EUR               | 113,8500 | 113,8500 | 113,8500 | 1           | 113,8500 | 112,7800   |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open    | High    | Low     | Trade Count | Close   | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|-----------------|-------------|----------------|-------------------|-------------------|---------|---------|---------|-------------|---------|------------|------|--------------|---------------|--------------------|
| O                | ASL                       | ASML Holding NV | 21-12-2018  | 75,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0700     | 0    | 0            | 239           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 21-12-2018  | 80,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 72,8400    | 73   | 0            | 63            | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 21-12-2018  | 80,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0900     | 0    | 0            | 1361          | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 21-12-2018  | 85,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 67,8900    | 68   | 0            | 174           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 21-12-2018  | 85,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1100     | 0    | 0            | 756           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 21-12-2018  | 90,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 62,9400    | 63   | 0            | 274           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 21-12-2018  | 90,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1400     | 0    | 0            | 1281          | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 21-12-2018  | 100,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 53,0000    | 53   | 0            | 180           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 21-12-2018  | 100,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2400     | 0    | 0            | 1449          | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 21-12-2018  | 110,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 43,1500    | 43   | 0            | 441           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 21-12-2018  | 110,0000       | P                 | EUR               | 0,3800  | 0,3800  | 0,3800  | 2           | 0,3800  | 0,4300     | 0    | 5            | 1432          | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 21-12-2018  | 116,0000       | C                 | EUR               | 40,4500 | 40,4500 | 40,4500 | 1           | 40,4500 | 37,3400    | 37   | 10           | 27            | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 21-12-2018  | 116,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,6100     | 1    | 0            | 18            | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 21-12-2018  | 120,0000       | C                 | EUR               | 36,0500 | 36,0500 | 36,0500 | 3           | 36,0500 | 33,4900    | 33   | 20           | 697           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 21-12-2018  | 120,0000       | P                 | EUR               | 0,7100  | 0,7500  | 0,7000  | 3           | 0,7500  | 0,7700     | 1    | 26           | 2420          | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 21-12-2018  | 130,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 24,2800    | 24   | 0            | 82            | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 21-12-2018  | 130,0000       | P                 | EUR               | 1,4300  | 1,5000  | 1,4300  | 5           | 1,5000  | 1,5800     | 2    | 14           | 1103          | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 21-12-2018  | 140,0000       | C                 | EUR               | 16,5500 | 17,1500 | 16,4000 | 3           | 16,4000 | 15,9500    | 16   | 30           | 1558          | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 21-12-2018  | 140,0000       | P                 | EUR               | 2,6800  | 3,4500  | 2,5900  | 17          | 3,0100  | 3,2500     | 3    | 48           | 3557          | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 21-12-2018  | 145,0000       | C                 | EUR               | 13,4500 | 13,4500 | 13,4500 | 1           | 13,4500 | 12,2900    | 12   | 1            | 60            | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 21-12-2018  | 145,0000       | P                 | EUR               | 3,5500  | 4,8300  | 3,5500  | 9           | 4,3200  | 4,6000     | 5    | 15           | 725           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 21-12-2018  | 148,0000       | C                 | EUR               | 10,6500 | 10,6500 | 10,6500 | 1           | 10,6500 | 10,3200    | 10   | 2            | 2             | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 21-12-2018  | 148,0000       | P                 | EUR               | 5,1300  | 5,1300  | 5,1300  | 1           | 5,1300  | 5,6400     | 6    | 5            | 5             | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 21-12-2018  | 150,0000       | C                 | EUR               | 9,4000  | 9,4000  | 9,4000  | 1           | 9,4000  | 9,1400     | 9    | 1            | 581           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 21-12-2018  | 150,0000       | P                 | EUR               | 5,3000  | 6,6700  | 5,3000  | 14          | 6,2000  | 6,4600     | 6    | 59           | 2638          | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 21-12-2018  | 152,0000       | C                 | EUR               | 8,2500  | 8,3000  | 7,9000  | 3           | 8,3000  | 7,9900     | 8    | 3            | 1             | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 21-12-2018  | 152,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,3100     | 7    | 0            | 0             | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 21-12-2018  | 154,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,9900     | 7    | 0            | 0             | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 21-12-2018  | 154,0000       | P                 | EUR               | 8,0000  | 8,0000  | 8,0000  | 1           | 8,0000  | 8,3000     | 8    | 12           | 12            | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 21-12-2018  | 155,0000       | C                 | EUR               | 8,6000  | 8,6000  | 6,4000  | 16          | 6,4000  | 6,5100     | 7    | 47           | 355           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 21-12-2018  | 155,0000       | P                 | EUR               | 7,7000  | 9,0000  | 7,7000  | 8           | 9,0000  | 8,8000     | 9    | 33           | 526           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 21-12-2018  | 156,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,0400     | 6    | 0            | 0             | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 21-12-2018  | 156,0000       | P                 | EUR               | 8,3500  | 8,3500  | 8,2500  | 2           | 8,2500  | 9,3500     | 9    | 20           | 20            | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 21-12-2018  | 158,0000       | C                 | EUR               | 5,6000  | 5,6000  | 5,4500  | 3           | 5,5000  | 5,2600     | 5    | 3            | 3             | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 21-12-2018  | 158,0000       | P                 | EUR               | 9,1700  | 9,1700  | 9,1700  | 1           | 9,1700  | 10,5500    | 11   | 12           | 12            | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 21-12-2018  | 160,0000       | C                 | EUR               | 5,7000  | 6,0000  | 4,3500  | 23          | 4,5400  | 4,4700     | 4    | 72           | 1618          | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 21-12-2018  | 160,0000       | P                 | EUR               | 11,1000 | 12,0000 | 11,1000 | 7           | 11,7000 | 11,7800    | 12   | 28           | 3349          | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 21-12-2018  | 165,0000       | C                 | EUR               | 4,0000  | 4,0000  | 2,8600  | 18          | 3,1000  | 2,9700     | 3    | 74           | 344           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 21-12-2018  | 165,0000       | P                 | EUR               | 13,1000 | 13,6200 | 13,1000 | 2           | 13,6200 | 15,2700    | 15   | 22           | 548           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 21-12-2018  | 170,0000       | C                 | EUR               | 2,8000  | 2,8000  | 1,8700  | 26          | 2,0500  | 1,9400     | 2    | 60           | 2296          | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 21-12-2018  | 170,0000       | P                 | EUR               | 17,5000 | 19,7000 | 17,5000 | 14          | 18,4500 | 19,2200    | 19   | 112          | 3639          | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 21-12-2018  | 180,0000       | C                 | EUR               | 1,2500  | 1,2500  | 0,8500  | 16          | 0,8500  | 0,8100     | 1    | 279          | 4764          | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 21-12-2018  | 180,0000       | P                 | EUR               | 26,4500 | 26,4500 | 26,4500 | 1           | 26,4500 | 28,1400    | 28   | 1            | 878           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 21-12-2018  | 190,0000       | C                 | EUR               | 0,4900  | 0,4900  | 0,4300  | 4           | 0,4300  | 0,3900     | 0    | 42           | 2307          | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 21-12-2018  | 190,0000       | P                 | EUR               | 37,0000 | 37,0000 | 37,0000 | 1           | 37,0000 | 37,6900    | 38   | 5            | 326           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 21-12-2018  | 200,0000       | C                 | EUR               | 0,3000  | 0,3000  | 0,2300  | 6           | 0,2300  | 0,2100     | 0    | 23           | 1894          | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 21-12-2018  | 200,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 47,5000    | 48   | 0            | 515           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 21-12-2018  | 220,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1000     | 0    | 0            | 1293          | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 21-12-2018  | 220,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 67,4300    | 67   | 0            | 149           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 21-12-2018  | 250,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0400     | 0    | 0            | 918           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 21-12-2018  | 250,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 97,3900    | 97   | 0            | 172           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 21-12-2018  | 300,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 91            | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 21-12-2018  | 300,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 147,4200   | 147  | 0            | 172           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 18-1-2019   | 120,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 33,8100    | 34   | 0            | 0             | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 18-1-2019   | 120,0000       | P                 | EUR               | 1,0000  | 1,0000  | 1,0000  | 1           | 1,0000  | 1,1000     | 1    | 1            | 1             | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 18-1-2019   | 130,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 24,7800    | 25   | 0            | 0             | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 18-1-2019   | 130,0000       | P                 | EUR               | 1,9500  | 2,0000  | 1,9500  | 3           | 2,0000  | 2,1200     | 2    | 7            | 5             | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 18-1-2019   | 140,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 16,7500    | 17   | 0            | 0             | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 18-1-2019   | 140,0000       | P                 | EUR               | 4,0400  | 4,0400  | 3,6500  | 6           | 3,9200  | 4,0600     | 4    | 17           | 17            | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 18-1-2019   | 150,0000       | C                 | EUR               | 10,0000 | 10,0000 | 10,0000 | 1           | 10,0000 | 10,1600    | 10   | 1            | 1             | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 18-1-2019   | 150,0000       | P                 | EUR               | 7,1000  | 7,1000  | 7,1000  | 1           | 7,1000  | 7,4500     | 7    | 5            | 5             | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 18-1-2019   | 155,0000       | C                 | EUR               | 7,3500  | 7,3500  | 7,3500  | 1           | 7,3500  | 7,5500     | 8    | 1            | 1             | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 18-1-2019   | 155,0000       | P                 | EUR               | 9,3400  | 9,3400  | 9,3400  | 1           | 9,3400  | 9,9000     | 10   | 5            | 5             | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 18-1-2019   | 160,0000       | C                 | EUR               | 6,4400  | 6,4400  | 5,6400  | 5           | 5,6400  | 5,4600     | 5    | 24           | 23            | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 18-1-2019   | 160,0000       | P                 | EUR               | 12,6900 | 12,6900 | 12,0100 | 3           | 12,2700 | 12,8300    | 13   | 9            | 5             | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 18-1-2019   | 170,0000       | C                 | EUR               | 2,9700  | 2,9700  | 2,8400  | 3           | 2,9300  | 2,7000     | 3    | 20           | 20            | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 18-1-2019   | 170,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 20,0100    | 20   | 0            | 0             | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 18-1-2019   | 180,0000       | C                 | EUR               | 1,4700  | 1,4700  | 1,4700  | 1           | 1,4700  | 1,2800     | 1    | 3            | 3             | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 18-1-2019   | 180,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 28,6500    | 29   | 0            | 0             | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 18-1-2019   | 190,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,6300     | 1    | 0            | 0             | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 18-1-2019   | 190,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 37,9900    | 38   | 0            | 0             | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 15-3-2019   | 100,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 53,3500    | 53   | 0            | 125           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 15-3-2019   | 100,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,6400     | 1    | 0            | 128           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 15-3-2019   | 110,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 43,8700    | 44   | 0            | 43            | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 15-3-2019   | 110,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,1400     | 1    | 0            | 115           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 15-3-2019   | 120,0000       | C                 | EUR               |         |         |         |             |         |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open     | High     | Low      | Trade Count | Close    | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|-----------------|-------------|----------------|-------------------|-------------------|----------|----------|----------|-------------|----------|------------|------|--------------|---------------|--------------------|
| O                | ASL                       | ASML Holding NV | 15-3-2019   | 180,0000       | C                 | EUR               | 3,1700   | 3,1700   | 2,6000   | 10          | 2,8000   | 2,6600     | 3    | 11           | 610           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 15-3-2019   | 180,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 30,0700    | 30   | 0            | 173           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 15-3-2019   | 190,0000       | C                 | EUR               | 1,8100   | 1,8100   | 1,5800   | 2           | 1,5800   | 1,5300     | 2    | 2            | 672           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 15-3-2019   | 190,0000       | P                 | EUR               | 38,7000  | 38,7000  | 38,7000  | 1           | 38,7000  | 38,9700    | 39   | 2            | 73            | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 15-3-2019   | 200,0000       | C                 | EUR               | 0,9300   | 0,9300   | 0,9200   | 3           | 0,9200   | 0,9200     | 1    | 7            | 929           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 15-3-2019   | 200,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 48,3700    | 48   | 0            | 191           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 15-3-2019   | 220,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,3800     | 0    | 0            | 513           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 15-3-2019   | 220,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 67,8700    | 68   | 0            | 79            | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 15-3-2019   | 250,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,1400     | 0    | 0            | 386           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 15-3-2019   | 250,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 97,6600    | 98   | 0            | 30            | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 15-3-2019   | 300,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,0600     | 0    | 0            | 26            | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 15-3-2019   | 300,0000       | P                 | EUR               | 146,9500 | 146,9500 | 146,9500 | 1           | 146,9500 | 147,6600   | 148  | 12           | 266           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 21-6-2019   | 80,0000        | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 73,1200    | 73   | 0            | 0             | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 21-6-2019   | 80,0000        | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,4500     | 0    | 0            | 494           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 21-6-2019   | 90,0000        | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 63,3500    | 63   | 0            | 26            | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 21-6-2019   | 90,0000        | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,7900     | 1    | 0            | 489           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 21-6-2019   | 100,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 53,8100    | 54   | 0            | 30            | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 21-6-2019   | 100,0000       | P                 | EUR               | 1,2000   | 1,3300   | 1,2000   | 3           | 1,3000   | 1,3600     | 1    | 3            | 1075          | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 21-6-2019   | 110,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 44,5500    | 45   | 0            | 29            | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 21-6-2019   | 110,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 2,2800     | 2    | 0            | 60            | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 21-6-2019   | 120,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 35,8400    | 36   | 0            | 97            | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 21-6-2019   | 120,0000       | P                 | EUR               | 3,4500   | 3,6400   | 3,4500   | 2           | 3,6400   | 3,7700     | 4    | 2            | 2231          | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 21-6-2019   | 140,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 20,7300    | 21   | 0            | 346           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 21-6-2019   | 140,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 9,1200     | 9    | 0            | 1371          | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 21-6-2019   | 150,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 14,8000    | 15   | 0            | 1038          | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 21-6-2019   | 150,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 13,4200    | 13   | 0            | 752           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 21-6-2019   | 160,0000       | C                 | EUR               | 11,1000  | 11,1000  | 10,1500  | 6           | 10,1500  | 10,2200    | 10   | 7            | 2178          | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 21-6-2019   | 160,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 18,9900    | 19   | 0            | 1801          | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 21-6-2019   | 170,0000       | C                 | EUR               | 7,0500   | 7,0500   | 6,6500   | 3           | 6,9500   | 6,8000     | 7    | 3            | 350           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 21-6-2019   | 170,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 25,6900    | 26   | 0            | 265           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 21-6-2019   | 180,0000       | C                 | EUR               | 5,0000   | 5,0500   | 4,2500   | 7           | 4,6100   | 4,4300     | 4    | 42           | 616           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 21-6-2019   | 180,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 33,4000    | 33   | 0            | 1186          | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 21-6-2019   | 190,0000       | C                 | EUR               | 2,8800   | 2,8800   | 2,8800   | 1           | 2,8800   | 2,8400     | 3    | 5            | 273           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 21-6-2019   | 190,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 41,8900    | 42   | 0            | 123           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 21-6-2019   | 200,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 1,8500     | 2    | 0            | 2236          | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 21-6-2019   | 200,0000       | P                 | EUR               | 50,6000  | 50,6000  | 50,6000  | 1           | 50,6000  | 50,9200    | 51   | 1            | 284           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 21-6-2019   | 220,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,8700     | 1    | 0            | 913           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 21-6-2019   | 220,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 70,0200    | 70   | 0            | 77            | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 21-6-2019   | 250,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,3400     | 0    | 0            | 1228          | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 21-6-2019   | 250,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 99,5900    | 100  | 0            | 33            | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 21-6-2019   | 300,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,1200     | 0    | 0            | 161           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 21-6-2019   | 300,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 149,5000   | 150  | 0            | 90            | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 20-9-2019   | 100,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 54,2200    | 54   | 0            | 0             | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 20-9-2019   | 100,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 2,0400     | 2    | 0            | 3             | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 20-9-2019   | 110,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 45,2400    | 45   | 0            | 0             | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 20-9-2019   | 110,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 3,3000     | 3    | 0            | 12            | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 20-9-2019   | 120,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 36,8200    | 37   | 0            | 0             | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 20-9-2019   | 120,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 5,1200     | 5    | 0            | 40            | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 20-9-2019   | 140,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 22,4300    | 22   | 0            | 8             | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 20-9-2019   | 140,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 11,1000    | 11   | 0            | 58            | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 20-9-2019   | 150,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 16,7200    | 17   | 0            | 42            | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 20-9-2019   | 150,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 15,5900    | 16   | 0            | 60            | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 20-9-2019   | 160,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 12,1700    | 12   | 0            | 107           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 20-9-2019   | 160,0000       | P                 | EUR               | 21,2700  | 21,2700  | 21,2700  | 1           | 21,2700  | 21,1400    | 21   | 1            | 148           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 20-9-2019   | 170,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 8,7000     | 9    | 0            | 59            | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 20-9-2019   | 170,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 27,7000    | 28   | 0            | 30            | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 20-9-2019   | 180,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 6,1100     | 6    | 0            | 57            | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 20-9-2019   | 180,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 35,1500    | 35   | 0            | 21            | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 20-9-2019   | 200,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 2,9200     | 3    | 0            | 12            | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 20-9-2019   | 200,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 52,0600    | 52   | 0            | 20            | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 20-9-2019   | 220,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 1,4700     | 1    | 0            | 74            | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 20-9-2019   | 220,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 70,7600    | 71   | 0            | 0             | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 20-9-2019   | 250,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,6000     | 1    | 0            | 101           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 20-9-2019   | 250,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 100,0100   | 100  | 0            | 0             | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 20-12-2019  | 40,0000        | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 112,9100   | 113  | 0            | 206           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 20-12-2019  | 40,0000        | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,0800     | 0    | 0            | 598           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 20-12-2019  | 50,0000        | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 102,9400   | 103  | 0            | 99            | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 20-12-2019  | 50,0000        | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,1500     | 0    | 0            | 748           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 20-12-2019  | 60,0000        | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 92,9900    | 93   | 0            | 4             | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 20-12-2019  | 60,0000        | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,3000     | 0    | 0            | 330           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 20-12-2019  | 70,0000        | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 83,0900    | 83   | 0            | 3             | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 20-12-2019  | 70,0000        | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,5600     | 1    | 0            | 220           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 20-12-2019  | 80,0000        | C                 | EUR               | 75,9500  | 75,9500  | 75,9500  | 2           | 75,9500  | 73,3500    | 73   | 10           | 20            | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 20-12-2019  | 80,0000        | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 1,0000     | 1    | 0            | 923           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 20-12-2019  | 90,0000        | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 63,8700    | 64   | 0            | 304           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 20-12-2019  | 90,0000        | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 1,6900     | 2    | 0            | 314           | 22-10-2018</       |



| Instrument Type* | Instrument Trading Symbol | Instrument Name | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open    | High    | Low     | Trade Count | Close   | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|-----------------|-------------|----------------|-------------------|-------------------|---------|---------|---------|-------------|---------|------------|------|--------------|---------------|--------------------|
| O                | ASL                       | ASML Holding NV | 20-12-2019  | 160,0000       | P                 | EUR               | 22,3000 | 23,3500 | 22,3000 | 2           | 23,3500 | 23,1400    | 23   | 2            | 1865          | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 20-12-2019  | 180,0000       | C                 | EUR               | 8,0500  | 8,0500  | 8,0000  | 2           | 8,0000  | 7,7700     | 8    | 2            | 1403          | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 20-12-2019  | 180,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 36,9100    | 37   | 0            | 298           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 20-12-2019  | 200,0000       | C                 | EUR               | 4,4700  | 4,4700  | 4,0700  | 7           | 4,2700  | 4,1700     | 4    | 22           | 2033          | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 20-12-2019  | 200,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 53,3300    | 53   | 0            | 155           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 20-12-2019  | 250,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,9800     | 1    | 0            | 1019          | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 20-12-2019  | 250,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 100,4600   | 100  | 0            | 11            | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 20-12-2019  | 300,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3500     | 0    | 0            | 603           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 20-12-2019  | 300,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 150,0200   | 150  | 0            | 54            | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 19-6-2020   | 100,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 55,2800    | 55   | 0            | 0             | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 19-6-2020   | 100,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,0500     | 4    | 0            | 1             | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 19-6-2020   | 120,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 39,4200    | 39   | 0            | 10            | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 19-6-2020   | 120,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,7700     | 9    | 0            | 77            | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 19-6-2020   | 140,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 26,5800    | 27   | 0            | 119           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 19-6-2020   | 140,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 16,3800    | 16   | 0            | 522           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 19-6-2020   | 160,0000       | C                 | EUR               | 17,0000 | 17,0000 | 17,0000 | 1           | 17,0000 | 16,9600    | 17   | 1            | 61            | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 19-6-2020   | 160,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 27,1300    | 27   | 0            | 80            | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 19-6-2020   | 180,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,4400    | 10   | 0            | 75            | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 19-6-2020   | 180,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 40,9000    | 41   | 0            | 34            | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 19-6-2020   | 200,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,2500     | 6    | 0            | 165           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 19-6-2020   | 200,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 56,9900    | 57   | 0            | 66            | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 19-6-2020   | 300,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,6600     | 1    | 0            | 71            | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 19-6-2020   | 300,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 152,1500   | 152  | 0            | 0             | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 18-12-2020  | 50,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 102,9600   | 103  | 0            | 0             | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 18-12-2020  | 50,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2800     | 0    | 0            | 514           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 18-12-2020  | 60,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 93,0700    | 93   | 0            | 2             | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 18-12-2020  | 60,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,6200     | 1    | 0            | 204           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 18-12-2020  | 70,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 83,3000    | 83   | 0            | 26            | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 18-12-2020  | 70,0000        | P                 | EUR               | 1,1800  | 1,1800  | 1,1800  | 1           | 1,1800  | 1,2200     | 1    | 1            | 157           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 18-12-2020  | 80,0000        | C                 | EUR               | 76,3000 | 76,3000 | 76,3000 | 2           | 76,3000 | 73,8100    | 74   | 20           | 74            | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 18-12-2020  | 80,0000        | P                 | EUR               | 2,0700  | 2,0700  | 2,0700  | 1           | 2,0700  | 2,1500     | 2    | 1            | 316           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 18-12-2020  | 90,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 64,7800    | 65   | 0            | 86            | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 18-12-2020  | 90,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,5200     | 4    | 0            | 330           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 18-12-2020  | 100,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 56,1600    | 56   | 0            | 527           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 18-12-2020  | 100,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,3800     | 5    | 0            | 212           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 18-12-2020  | 120,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 41,1500    | 41   | 0            | 186           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 18-12-2020  | 120,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,8700    | 11   | 0            | 418           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 18-12-2020  | 140,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 28,9900    | 29   | 0            | 90            | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 18-12-2020  | 140,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 19,0300    | 19   | 0            | 138           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 18-12-2020  | 150,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 23,9700    | 24   | 0            | 258           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 18-12-2020  | 150,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 24,0900    | 24   | 0            | 139           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 18-12-2020  | 160,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 19,7100    | 20   | 0            | 379           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 18-12-2020  | 160,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 29,9800    | 30   | 0            | 77            | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 18-12-2020  | 180,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 13,1100    | 13   | 0            | 436           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 18-12-2020  | 180,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 43,6200    | 44   | 0            | 71            | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 18-12-2020  | 200,0000       | C                 | EUR               | 9,7000  | 9,7000  | 9,7000  | 1           | 9,7000  | 8,5700     | 9    | 4            | 681           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 18-12-2020  | 200,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 59,2600    | 59   | 0            | 58            | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 18-12-2020  | 300,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,1800     | 1    | 0            | 335           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 18-12-2020  | 300,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 152,5300   | 153  | 0            | 6             | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 17-12-2021  | 60,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 93,1400    | 93   | 0            | 2             | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 17-12-2021  | 60,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,2000     | 1    | 0            | 174           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 17-12-2021  | 70,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 83,5800    | 84   | 0            | 6             | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 17-12-2021  | 70,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,2000     | 2    | 0            | 185           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 17-12-2021  | 80,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 74,4700    | 74   | 0            | 74            | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 17-12-2021  | 80,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,6400     | 4    | 0            | 229           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 17-12-2021  | 90,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 65,8800    | 66   | 0            | 59            | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 17-12-2021  | 90,0000        | P                 | EUR               | 5,5000  | 5,5000  | 5,5000  | 1           | 5,5000  | 5,5500     | 6    | 1            | 298           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 17-12-2021  | 100,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 57,9800    | 58   | 0            | 120           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 17-12-2021  | 100,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,0300     | 8    | 0            | 375           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 17-12-2021  | 120,0000       | C                 | EUR               | 44,0000 | 44,0000 | 44,0000 | 1           | 44,0000 | 44,2000    | 44   | 1            | 339           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 17-12-2021  | 120,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 14,6500    | 15   | 0            | 596           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 17-12-2021  | 140,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 32,9300    | 33   | 0            | 166           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 17-12-2021  | 140,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 23,6400    | 24   | 0            | 531           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 17-12-2021  | 150,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 28,2200    | 28   | 0            | 323           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 17-12-2021  | 150,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 29,0400    | 29   | 0            | 323           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 17-12-2021  | 160,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 24,1000    | 24   | 0            | 168           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 17-12-2021  | 160,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 34,9700    | 35   | 0            | 105           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 17-12-2021  | 180,0000       | C                 | EUR               | 17,6000 | 17,6000 | 17,6000 | 1           | 17,6000 | 17,3800    | 17   | 1            | 158           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 17-12-2021  | 180,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 48,5400    | 49   | 0            | 11            | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 17-12-2021  | 200,0000       | C                 | EUR               | 13,3000 | 13,3000 | 12,8500 | 2           | 12,8500 | 12,5000    | 13   | 15           | 999           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 17-12-2021  | 200,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 63,8900    | 64   | 0            | 160           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 17-12-2021  | 300,0000       | C                 | EUR               | 2,7000  | 2,7000  | 2,7000  | 1           | 2,7000  | 2,6000     | 3    | 1            | 357           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 17-12-2021  | 300,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 154,6800   | 155  | 0            | 80            | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 16-12-2022  | 60,0000        | C                 | EUR               | 94,3000 | 94,3000 | 94,3000 | 1           | 94,3000 | 93,3300    | 93   | 1            | 7             | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 16-12-2022  | 60,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,9200     | 2    | 0            | 350           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV | 16-12-2022  | 90,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,000   |             |         |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name        | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open    | High    | Low     | Trade Count | Close   | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|------------------------|-------------|----------------|-------------------|-------------------|---------|---------|---------|-------------|---------|------------|------|--------------|---------------|--------------------|
| O                | ASL                       | ASML Holding NV        | 16-12-2022  | 180,0000       | C                 | EUR               | 21,9700 | 21,9700 | 21,7000 | 2           | 21,7000 | 21,4700    | 21   | 2            | 256           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV        | 16-12-2022  | 180,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 52,8300    | 53   | 0            | 428           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV        | 16-12-2022  | 200,0000       | C                 | EUR               | 17,2500 | 17,2500 | 16,0000 | 18          | 16,1000 | 16,2700    | 16   | 22           | 700           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV        | 16-12-2022  | 200,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 67,8100    | 68   | 0            | 107           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV        | 16-12-2022  | 300,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,5600     | 5    | 0            | 610           | 22-10-2018         |
| O                | ASL                       | ASML Holding NV        | 16-12-2022  | 300,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 156,3700   | 156  | 0            | 191           | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 16-11-2018  | 32,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,9600     | 8    | 0            | 42            | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 16-11-2018  | 32,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1600     | 0    | 0            | 60            | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 16-11-2018  | 34,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,0600     | 6    | 0            | 0             | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 16-11-2018  | 34,0000        | P                 | EUR               | 0,2400  | 0,2500  | 0,2400  | 2           | 0,2500  | 0,2700     | 0    | 9            | 138           | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 16-11-2018  | 36,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,3000     | 4    | 0            | 0             | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 16-11-2018  | 36,0000        | P                 | EUR               | 0,5000  | 0,5000  | 0,5000  | 1           | 0,5000  | 0,5100     | 1    | 1            | 131           | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 16-11-2018  | 37,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,4900     | 3    | 0            | 0             | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 16-11-2018  | 37,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,7000     | 1    | 0            | 74            | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 16-11-2018  | 38,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,7400     | 3    | 0            | 5             | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 16-11-2018  | 38,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,9500     | 1    | 0            | 188           | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 16-11-2018  | 39,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,0600     | 2    | 0            | 68            | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 16-11-2018  | 39,0000        | P                 | EUR               | 1,3000  | 1,3000  | 1,3000  | 1           | 1,3000  | 1,2700     | 1    | 1            | 84            | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 16-11-2018  | 40,0000        | C                 | EUR               | 1,6200  | 1,6200  | 1,6200  | 1           | 1,6200  | 1,5600     | 2    | 3            | 41            | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 16-11-2018  | 40,0000        | P                 | EUR               | 1,7500  | 1,8500  | 1,6000  | 6           | 1,8500  | 1,7700     | 2    | 11           | 241           | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 16-11-2018  | 41,0000        | C                 | EUR               | 1,2800  | 1,2800  | 1,0700  | 5           | 1,1500  | 1,1100     | 1    | 11           | 198           | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 16-11-2018  | 41,0000        | P                 | EUR               | 2,3500  | 2,3500  | 2,3500  | 1           | 2,3500  | 2,3200     | 2    | 1            | 159           | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 16-11-2018  | 42,0000        | C                 | EUR               | 1,0000  | 1,0000  | 0,7600  | 12          | 0,7600  | 0,8000     | 1    | 36           | 149           | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 16-11-2018  | 42,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,0100     | 3    | 0            | 198           | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 16-11-2018  | 43,0000        | C                 | EUR               | 0,7000  | 0,7000  | 0,6000  | 6           | 0,7000  | 0,6000     | 1    | 11           | 1240          | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 16-11-2018  | 43,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,8100     | 4    | 0            | 310           | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 16-11-2018  | 44,0000        | C                 | EUR               | 0,5000  | 0,5000  | 0,5000  | 4           | 0,5000  | 0,4300     | 0    | 7            | 201           | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 16-11-2018  | 44,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,6300     | 5    | 0            | 242           | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 16-11-2018  | 45,0000        | C                 | EUR               | 0,3700  | 0,3700  | 0,3000  | 4           | 0,3200  | 0,3100     | 0    | 10           | 142           | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 16-11-2018  | 45,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,5200     | 6    | 0            | 84            | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 16-11-2018  | 46,0000        | C                 | EUR               | 0,2400  | 0,2400  | 0,2400  | 1           | 0,2400  | 0,2400     | 0    | 1            | 1165          | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 16-11-2018  | 46,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,4500     | 6    | 0            | 436           | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 16-11-2018  | 47,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1800     | 0    | 0            | 688           | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 16-11-2018  | 47,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,3900     | 7    | 0            | 52            | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 16-11-2018  | 48,0000        | C                 | EUR               | 0,1600  | 0,1600  | 0,1600  | 2           | 0,1600  | 0,1500     | 0    | 2            | 165           | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 16-11-2018  | 48,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,3600     | 8    | 0            | 54            | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 16-11-2018  | 50,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1100     | 0    | 0            | 167           | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 16-11-2018  | 50,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,3200    | 10   | 0            | 23            | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 16-11-2018  | 52,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0900     | 0    | 0            | 56            | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 16-11-2018  | 52,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,3000    | 12   | 0            | 18            | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 16-11-2018  | 54,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0800     | 0    | 0            | 40            | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 16-11-2018  | 54,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 14,2900    | 14   | 0            | 22            | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-12-2018  | 27,5500        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,3500    | 12   | 0            | 12            | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-12-2018  | 27,5500        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1100     | 0    | 0            | 31            | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-12-2018  | 30,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 9,9800     | 10   | 0            | 0             | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-12-2018  | 30,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1900     | 0    | 0            | 0             | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-12-2018  | 32,1400        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,9700     | 8    | 0            | 2             | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-12-2018  | 32,1400        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3200     | 0    | 0            | 77            | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-12-2018  | 34,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,3000     | 6    | 0            | 26            | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-12-2018  | 34,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,5100     | 1    | 0            | 81            | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-12-2018  | 36,7300        | C                 | EUR               | 4,5000  | 4,5000  | 4,5000  | 1           | 4,5000  | 4,1000     | 4    | 10           | 162           | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-12-2018  | 36,7300        | P                 | EUR               | 1,1000  | 1,1000  | 1,1000  | 1           | 1,1000  | 1,0500     | 1    | 10           | 402           | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-12-2018  | 38,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,2300     | 3    | 0            | 1             | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-12-2018  | 38,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,4500     | 1    | 0            | 29            | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-12-2018  | 38,5700        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,8800     | 3    | 0            | 26            | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-12-2018  | 38,5700        | P                 | EUR               | 1,6000  | 1,6000  | 1,6000  | 1           | 1,6000  | 1,6700     | 2    | 2            | 303           | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-12-2018  | 39,0000        | C                 | EUR               | 2,7000  | 2,7000  | 2,7000  | 1           | 2,7000  | 2,6300     | 3    | 1            | 1             | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-12-2018  | 39,0000        | P                 | EUR               | 1,7500  | 1,7500  | 1,7000  | 2           | 1,7000  | 1,8500     | 2    | 11           | 34            | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-12-2018  | 40,0000        | C                 | EUR               | 2,2000  | 2,2000  | 2,2000  | 1           | 2,2000  | 2,1300     | 2    | 5            | 55            | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-12-2018  | 40,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,3500     | 2    | 0            | 70            | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-12-2018  | 40,4000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,9300     | 2    | 0            | 102           | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-12-2018  | 40,4000        | P                 | EUR               | 2,4100  | 2,4100  | 2,4100  | 1           | 2,4100  | 2,5500     | 3    | 1            | 222           | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-12-2018  | 41,3200        | C                 | EUR               | 1,6300  | 1,6300  | 1,6300  | 1           | 1,6300  | 1,5300     | 2    | 1            | 141           | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-12-2018  | 41,3200        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,0700     | 3    | 0            | 805           | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-12-2018  | 42,2400        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,2200     | 1    | 0            | 113           | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-12-2018  | 42,2400        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,6800     | 4    | 0            | 508           | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-12-2018  | 43,0000        | C                 | EUR               | 1,2000  | 1,2000  | 1,0000  | 4           | 1,0000  | 1,0200     | 1    | 5            | 187           | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-12-2018  | 43,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,2400     | 4    | 0            | 45            | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-12-2018  | 44,0700        | C                 | EUR               | 0,8500  | 0,8500  | 0,8100  | 3           | 0,8100  | 0,7700     | 1    | 3            | 255           | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-12-2018  | 44,0700        | P                 | EUR               | 4,9000  | 4,9000  | 4,9000  | 1           | 4,9000  | 5,0700     | 5    | 8            | 591           | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-12-2018  | 45,0000        | C                 | EUR               | 0,7500  | 0,7500  | 0,6400  | 2           | 0,6400  | 0,6100     | 1    | 2            | 56            | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-12-2018  | 45,0000        | P                 | EUR               | 5,7000  | 5,7000  | 5,7000  | 1           | 5,7000  | 5,8300     | 6    | 1            | 14            | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-12-2018  | 45,9100        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,5000     | 1    | 0            | 859           | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-12-2018  | 45,9100        | P                 | EUR               | 6,6000  | 6,6000  | 6,6000  | 3           | 6,6000  | 6,6300     | 7    | 50           | 826           | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-12-2018  | 47,7500        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3500     | 0    | 0            | 421           | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-12-2018  | 47,7500        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,3300     | 8    | 0            | 290           | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-12-2018  | 49,5800        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2500     | 0    | 0            | 8             |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name        | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open    | High    | Low     | Trade Count | Close   | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|------------------------|-------------|----------------|-------------------|-------------------|---------|---------|---------|-------------|---------|------------|------|--------------|---------------|--------------------|
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-12-2018  | 55,0900        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 15,4300    | 15   | 0            | 451           | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-12-2018  | 59,6800        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0700     | 0    | 0            | 270           | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-12-2018  | 59,6800        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 19,9800    | 20   | 0            | 62            | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-12-2018  | 64,2800        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0200     | 0    | 0            | 685           | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-12-2018  | 64,2800        | P                 | EUR               | 24,5000 | 24,5000 | 24,3000 | 2           | 24,3000 | 24,5400    | 25   | 2            | 49            | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-12-2018  | 73,4600        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 102           | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-12-2018  | 73,4600        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 33,7000    | 34   | 0            | 0             | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-12-2018  | 82,6400        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 50            | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-12-2018  | 82,6400        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 42,8900    | 43   | 0            | 0             | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 18-1-2019   | 34,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,4800     | 6    | 0            | 0             | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 18-1-2019   | 34,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,7000     | 1    | 0            | 0             | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 18-1-2019   | 36,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,8800     | 5    | 0            | 0             | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 18-1-2019   | 36,0000        | P                 | EUR               | 1,0300  | 1,0800  | 1,0300  | 2           | 1,0800  | 1,1000     | 1    | 11           | 11            | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 18-1-2019   | 38,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,5200     | 4    | 0            | 0             | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 18-1-2019   | 38,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,7500     | 2    | 0            | 0             | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 18-1-2019   | 39,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,9200     | 3    | 0            | 0             | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 18-1-2019   | 39,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,1500     | 2    | 0            | 0             | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 18-1-2019   | 40,0000        | C                 | EUR               | 2,6000  | 2,6000  | 2,5000  | 2           | 2,5000  | 2,4300     | 2    | 11           | 10            | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 18-1-2019   | 40,0000        | P                 | EUR               | 2,6000  | 2,6000  | 2,6000  | 2           | 2,6000  | 2,6600     | 3    | 8            | 8             | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 18-1-2019   | 41,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,9800     | 2    | 0            | 0             | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 18-1-2019   | 41,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,2100     | 3    | 0            | 0             | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 18-1-2019   | 42,0000        | C                 | EUR               | 1,6700  | 1,6700  | 1,6700  | 1           | 1,6700  | 1,6000     | 2    | 1            | 1             | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 18-1-2019   | 42,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,8300     | 4    | 0            | 0             | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 18-1-2019   | 44,0000        | C                 | EUR               | 1,1500  | 1,1500  | 1,1500  | 1           | 1,1500  | 1,0500     | 1    | 2            | 2             | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 18-1-2019   | 44,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,2800     | 5    | 0            | 0             | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 18-1-2019   | 46,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,7000     | 1    | 0            | 0             | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 18-1-2019   | 46,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,9400     | 7    | 0            | 0             | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 15-3-2019   | 27,5500        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,5300    | 13   | 0            | 0             | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 15-3-2019   | 27,5500        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2900     | 0    | 0            | 39            | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 15-3-2019   | 30,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,2500    | 10   | 0            | 0             | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 15-3-2019   | 30,0000        | P                 | EUR               | 0,4600  | 0,4600  | 0,4600  | 4           | 0,4600  | 0,4700     | 0    | 25           | 119           | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 15-3-2019   | 32,1400        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,3700     | 8    | 0            | 40            | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 15-3-2019   | 32,1400        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,7300     | 1    | 0            | 234           | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 15-3-2019   | 36,7300        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,8500     | 5    | 0            | 56            | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 15-3-2019   | 36,7300        | P                 | EUR               | 1,6500  | 1,6500  | 1,6500  | 1           | 1,6500  | 1,8100     | 2    | 1            | 393           | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 15-3-2019   | 38,5700        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,7600     | 4    | 0            | 88            | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 15-3-2019   | 38,5700        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,5600     | 3    | 0            | 218           | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 15-3-2019   | 40,4000        | C                 | EUR               | 3,0200  | 3,0200  | 2,9500  | 2           | 2,9500  | 2,8300     | 3    | 5            | 123           | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 15-3-2019   | 40,4000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,4600     | 3    | 0            | 217           | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 15-3-2019   | 41,3200        | C                 | EUR               | 2,4000  | 2,4000  | 2,4000  | 1           | 2,4000  | 2,4600     | 2    | 25           | 197           | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 15-3-2019   | 41,3200        | P                 | EUR               | 3,9500  | 3,9500  | 3,9500  | 1           | 3,9500  | 4,0100     | 4    | 25           | 115           | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 15-3-2019   | 42,2400        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,0900     | 2    | 0            | 104           | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 15-3-2019   | 42,2400        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,5600     | 5    | 0            | 226           | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 15-3-2019   | 44,0700        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,5600     | 2    | 0            | 266           | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 15-3-2019   | 44,0700        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,8700     | 6    | 0            | 278           | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 15-3-2019   | 45,9100        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,1400     | 1    | 0            | 499           | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 15-3-2019   | 45,9100        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,3000     | 7    | 0            | 256           | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 15-3-2019   | 47,7500        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,8500     | 1    | 0            | 477           | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 15-3-2019   | 47,7500        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,8400     | 9    | 0            | 170           | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 15-3-2019   | 49,5800        | C                 | EUR               | 0,6500  | 0,6500  | 0,6500  | 1           | 0,6500  | 0,6500     | 1    | 1            | 219           | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 15-3-2019   | 49,5800        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,4700    | 10   | 0            | 131           | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 15-3-2019   | 51,4200        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,5000     | 1    | 0            | 180           | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 15-3-2019   | 51,4200        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,1700    | 12   | 0            | 424           | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 15-3-2019   | 55,0900        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3000     | 0    | 0            | 200           | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 15-3-2019   | 55,0900        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 15,6500    | 16   | 0            | 45            | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 15-3-2019   | 60,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1800     | 0    | 0            | 26            | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 15-3-2019   | 60,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 20,4500    | 20   | 0            | 22            | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 15-3-2019   | 64,2800        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1300     | 0    | 0            | 32            | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 15-3-2019   | 64,2800        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 24,6800    | 25   | 0            | 30            | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 15-3-2019   | 73,4600        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0400     | 0    | 0            | 46            | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 15-3-2019   | 73,4600        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 33,7800    | 34   | 0            | 0             | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-6-2019   | 28,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,3100    | 12   | 0            | 0             | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-6-2019   | 28,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,7000     | 1    | 0            | 17            | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-6-2019   | 30,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,5200    | 11   | 0            | 1             | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-6-2019   | 30,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,9500     | 1    | 0            | 39            | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-6-2019   | 35,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,6300     | 7    | 0            | 60            | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-6-2019   | 35,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,2000     | 2    | 0            | 248           | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-6-2019   | 36,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,9700     | 6    | 0            | 1             | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-6-2019   | 36,0000        | P                 | EUR               | 2,5300  | 2,5300  | 2,4500  | 2           | 2,4500  | 2,5700     | 3    | 4            | 11            | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-6-2019   | 38,0000        | C                 | EUR               | 4,9700  | 4,9700  | 4,9700  | 1           | 4,9700  | 4,7800     | 5    | 4            | 7             | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-6-2019   | 38,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,4500     | 3    | 0            | 15            | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-6-2019   | 40,0000        | C                 | EUR               | 4,1000  | 4,1000  | 3,8000  | 3           | 3,9000  | 3,7500     | 4    | 3            | 82            | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-6-2019   | 40,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,4800     | 4    | 0            | 463           | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-6-2019   | 42,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,9300     | 3    | 0            | 37            | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-6-2019   | 42,0000        | P                 | EUR               | 5,4500  | 5,4500  | 5,4500  | 1           | 5,4500  | 5,7000     | 6    | 2            | 14            | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-6-2019   | 44,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,2500     | 2    | 0            | 54            | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-6-2019   | 44,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,0600     | 7    | 0            | 16            | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V. | 21-6-2019   | 46,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,000   |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name              | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|------------------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | ASM                       | ASM INTERNATIONAL N.V.       | 21-6-2019   | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3200     | 0    | 0            | 3             | 22-10-2018         |
| O                | ASM                       | ASM INTERNATIONAL N.V.       | 21-6-2019   | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,2600    | 21   | 0            | 30            | 22-10-2018         |
| O                | ASO                       | ASM INTERNATIONAL N.V. OLD   | 21-12-2018  | 27,5500        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,3500    | 12   | 0            | 0             | 22-10-2018         |
| O                | ASO                       | ASM INTERNATIONAL N.V. OLD   | 21-12-2018  | 27,5500        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     | 0    | 0            | 31            | 22-10-2018         |
| O                | ASO                       | ASM INTERNATIONAL N.V. OLD   | 21-12-2018  | 32,1400        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,9700     | 8    | 0            | 11            | 22-10-2018         |
| O                | ASO                       | ASM INTERNATIONAL N.V. OLD   | 21-12-2018  | 32,1400        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3300     | 0    | 0            | 71            | 22-10-2018         |
| O                | ASO                       | ASM INTERNATIONAL N.V. OLD   | 21-12-2018  | 36,7300        | C                 | EUR               | 4,5000 | 4,5000 | 4,5000 | 1           | 4,5000 | 4,1000     | 4    | 10           | 135           | 22-10-2018         |
| O                | ASO                       | ASM INTERNATIONAL N.V. OLD   | 21-12-2018  | 36,7300        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0500     | 1    | 0            | 384           | 22-10-2018         |
| O                | ASO                       | ASM INTERNATIONAL N.V. OLD   | 21-12-2018  | 38,5700        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8800     | 3    | 0            | 32            | 22-10-2018         |
| O                | ASO                       | ASM INTERNATIONAL N.V. OLD   | 21-12-2018  | 38,5700        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6800     | 2    | 0            | 224           | 22-10-2018         |
| O                | ASO                       | ASM INTERNATIONAL N.V. OLD   | 21-12-2018  | 40,4000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9200     | 2    | 0            | 50            | 22-10-2018         |
| O                | ASO                       | ASM INTERNATIONAL N.V. OLD   | 21-12-2018  | 40,4000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5500     | 3    | 0            | 111           | 22-10-2018         |
| O                | ASO                       | ASM INTERNATIONAL N.V. OLD   | 21-12-2018  | 41,3200        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5300     | 2    | 0            | 145           | 22-10-2018         |
| O                | ASO                       | ASM INTERNATIONAL N.V. OLD   | 21-12-2018  | 41,3200        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0800     | 3    | 0            | 791           | 22-10-2018         |
| O                | ASO                       | ASM INTERNATIONAL N.V. OLD   | 21-12-2018  | 42,2400        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2200     | 1    | 0            | 81            | 22-10-2018         |
| O                | ASO                       | ASM INTERNATIONAL N.V. OLD   | 21-12-2018  | 42,2400        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,6800     | 4    | 0            | 137           | 22-10-2018         |
| O                | ASO                       | ASM INTERNATIONAL N.V. OLD   | 21-12-2018  | 44,0700        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7700     | 1    | 0            | 139           | 22-10-2018         |
| O                | ASO                       | ASM INTERNATIONAL N.V. OLD   | 21-12-2018  | 44,0700        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,0700     | 5    | 0            | 260           | 22-10-2018         |
| O                | ASO                       | ASM INTERNATIONAL N.V. OLD   | 21-12-2018  | 45,9100        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4900     | 0    | 0            | 682           | 22-10-2018         |
| O                | ASO                       | ASM INTERNATIONAL N.V. OLD   | 21-12-2018  | 45,9100        | P                 | EUR               | 6,3000 | 6,6500 | 6,3000 | 3           | 6,6500 | 6,6300     | 7    | 51           | 517           | 22-10-2018         |
| O                | ASO                       | ASM INTERNATIONAL N.V. OLD   | 21-12-2018  | 47,7500        | C                 | EUR               | 0,4000 | 0,4000 | 0,4000 | 1           | 0,4000 | 0,3500     | 0    | 1            | 181           | 22-10-2018         |
| O                | ASO                       | ASM INTERNATIONAL N.V. OLD   | 21-12-2018  | 47,7500        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,3300     | 8    | 0            | 171           | 22-10-2018         |
| O                | ASO                       | ASM INTERNATIONAL N.V. OLD   | 21-12-2018  | 49,5800        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2400     | 0    | 0            | 607           | 22-10-2018         |
| O                | ASO                       | ASM INTERNATIONAL N.V. OLD   | 21-12-2018  | 49,5800        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,0600    | 10   | 0            | 344           | 22-10-2018         |
| O                | ASO                       | ASM INTERNATIONAL N.V. OLD   | 21-12-2018  | 50,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2000     | 0    | 0            | 308           | 22-10-2018         |
| O                | ASO                       | ASM INTERNATIONAL N.V. OLD   | 21-12-2018  | 50,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,9400    | 11   | 0            | 329           | 22-10-2018         |
| O                | ASO                       | ASM INTERNATIONAL N.V. OLD   | 21-12-2018  | 51,4200        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1700     | 0    | 0            | 506           | 22-10-2018         |
| O                | ASO                       | ASM INTERNATIONAL N.V. OLD   | 21-12-2018  | 51,4200        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,8300    | 12   | 0            | 215           | 22-10-2018         |
| O                | ASO                       | ASM INTERNATIONAL N.V. OLD   | 21-12-2018  | 53,2600        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1400     | 0    | 0            | 308           | 22-10-2018         |
| O                | ASO                       | ASM INTERNATIONAL N.V. OLD   | 21-12-2018  | 53,2600        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,6300    | 14   | 0            | 415           | 22-10-2018         |
| O                | ASO                       | ASM INTERNATIONAL N.V. OLD   | 21-12-2018  | 55,0900        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     | 0    | 0            | 366           | 22-10-2018         |
| O                | ASO                       | ASM INTERNATIONAL N.V. OLD   | 21-12-2018  | 55,0900        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,4400    | 15   | 0            | 379           | 22-10-2018         |
| O                | ASO                       | ASM INTERNATIONAL N.V. OLD   | 21-12-2018  | 59,6800        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     | 0    | 0            | 139           | 22-10-2018         |
| O                | ASO                       | ASM INTERNATIONAL N.V. OLD   | 21-12-2018  | 59,6800        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 19,9900    | 20   | 0            | 56            | 22-10-2018         |
| O                | ASO                       | ASM INTERNATIONAL N.V. OLD   | 21-12-2018  | 64,2800        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 708           | 22-10-2018         |
| O                | ASO                       | ASM INTERNATIONAL N.V. OLD   | 21-12-2018  | 64,2800        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 24,5500    | 25   | 0            | 13            | 22-10-2018         |
| O                | ASO                       | ASM INTERNATIONAL N.V. OLD   | 21-12-2018  | 73,4600        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 102           | 22-10-2018         |
| O                | ASO                       | ASM INTERNATIONAL N.V. OLD   | 21-12-2018  | 73,4600        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 35,7100    | 34   | 0            | 0             | 22-10-2018         |
| O                | ASO                       | ASM INTERNATIONAL N.V. OLD   | 21-12-2018  | 82,6400        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 41            | 22-10-2018         |
| O                | ASO                       | ASM INTERNATIONAL N.V. OLD   | 21-12-2018  | 82,6400        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 42,8900    | 43   | 0            | 0             | 22-10-2018         |
| O                | ASO                       | ASM INTERNATIONAL N.V. OLD   | 15-3-2019   | 27,5500        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,5200    | 13   | 0            | 0             | 22-10-2018         |
| O                | ASO                       | ASM INTERNATIONAL N.V. OLD   | 15-3-2019   | 27,5500        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2900     | 0    | 0            | 3             | 22-10-2018         |
| O                | ASO                       | ASM INTERNATIONAL N.V. OLD   | 15-3-2019   | 32,1400        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,3600     | 8    | 0            | 10            | 22-10-2018         |
| O                | ASO                       | ASM INTERNATIONAL N.V. OLD   | 15-3-2019   | 32,1400        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7300     | 1    | 0            | 200           | 22-10-2018         |
| O                | ASO                       | ASM INTERNATIONAL N.V. OLD   | 15-3-2019   | 36,7300        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,8400     | 5    | 0            | 6             | 22-10-2018         |
| O                | ASO                       | ASM INTERNATIONAL N.V. OLD   | 15-3-2019   | 36,7300        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8100     | 2    | 0            | 328           | 22-10-2018         |
| O                | ASO                       | ASM INTERNATIONAL N.V. OLD   | 15-3-2019   | 38,5700        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,7500     | 4    | 0            | 37            | 22-10-2018         |
| O                | ASO                       | ASM INTERNATIONAL N.V. OLD   | 15-3-2019   | 38,5700        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5700     | 3    | 0            | 105           | 22-10-2018         |
| O                | ASO                       | ASM INTERNATIONAL N.V. OLD   | 15-3-2019   | 40,4000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8200     | 3    | 0            | 62            | 22-10-2018         |
| O                | ASO                       | ASM INTERNATIONAL N.V. OLD   | 15-3-2019   | 40,4000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4700     | 3    | 0            | 53            | 22-10-2018         |
| O                | ASO                       | ASM INTERNATIONAL N.V. OLD   | 15-3-2019   | 41,3200        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4500     | 2    | 0            | 90            | 22-10-2018         |
| O                | ASO                       | ASM INTERNATIONAL N.V. OLD   | 15-3-2019   | 41,3200        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,0200     | 4    | 0            | 89            | 22-10-2018         |
| O                | ASO                       | ASM INTERNATIONAL N.V. OLD   | 15-3-2019   | 42,2400        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0800     | 2    | 0            | 40            | 22-10-2018         |
| O                | ASO                       | ASM INTERNATIONAL N.V. OLD   | 15-3-2019   | 42,2400        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,5700     | 5    | 0            | 24            | 22-10-2018         |
| O                | ASO                       | ASM INTERNATIONAL N.V. OLD   | 15-3-2019   | 44,0700        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5600     | 2    | 0            | 97            | 22-10-2018         |
| O                | ASO                       | ASM INTERNATIONAL N.V. OLD   | 15-3-2019   | 44,0700        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,8800     | 6    | 0            | 101           | 22-10-2018         |
| O                | ASO                       | ASM INTERNATIONAL N.V. OLD   | 15-3-2019   | 45,9100        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1400     | 1    | 0            | 111           | 22-10-2018         |
| O                | ASO                       | ASM INTERNATIONAL N.V. OLD   | 15-3-2019   | 45,9100        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,3100     | 7    | 0            | 167           | 22-10-2018         |
| O                | ASO                       | ASM INTERNATIONAL N.V. OLD   | 15-3-2019   | 47,7500        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8400     | 1    | 0            | 190           | 22-10-2018         |
| O                | ASO                       | ASM INTERNATIONAL N.V. OLD   | 15-3-2019   | 47,7500        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,8500     | 9    | 0            | 46            | 22-10-2018         |
| O                | ASO                       | ASM INTERNATIONAL N.V. OLD   | 15-3-2019   | 49,5800        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6400     | 1    | 0            | 80            | 22-10-2018         |
| O                | ASO                       | ASM INTERNATIONAL N.V. OLD   | 15-3-2019   | 49,5800        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,4900    | 10   | 0            | 45            | 22-10-2018         |
| O                | ASO                       | ASM INTERNATIONAL N.V. OLD   | 15-3-2019   | 51,4200        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5000     | 1    | 0            | 83            | 22-10-2018         |
| O                | ASO                       | ASM INTERNATIONAL N.V. OLD   | 15-3-2019   | 51,4200        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,1900    | 12   | 0            | 69            | 22-10-2018         |
| O                | ASO                       | ASM INTERNATIONAL N.V. OLD   | 15-3-2019   | 55,0900        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3000     | 0    | 0            | 137           | 22-10-2018         |
| O                | ASO                       | ASM INTERNATIONAL N.V. OLD   | 15-3-2019   | 55,0900        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,6600    | 16   | 0            | 8             | 22-10-2018         |
| O                | ASO                       | ASM INTERNATIONAL N.V. OLD   | 15-3-2019   | 64,2800        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     | 0    | 0            | 14            | 22-10-2018         |
| O                | ASO                       | ASM INTERNATIONAL N.V. OLD   | 15-3-2019   | 64,2800        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 24,7000    | 25   | 0            | 30            | 22-10-2018         |
| O                | ASO                       | ASM INTERNATIONAL N.V. OLD   | 15-3-2019   | 73,4600        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     | 0    | 0            | 20            | 22-10-2018         |
| O                | ASO                       | ASM INTERNATIONAL N.V. OLD   | 15-3-2019   | 73,4600        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 33,7900    | 34   | 0            | 0             | 22-10-2018         |
| O                | ASR                       | ASR Nederland - Stock Option | 16-11-2018  | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,9600     | 9    | 0            | 0             | 22-10-2018         |
| O                | ASR                       | ASR Nederland - Stock Option | 16-11-2018  | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     | 0    | 0            | 0             | 22-10-2018         |
| O                | ASR                       | ASR Nederland - Stock Option | 16-11-2018  | 32,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,9900     | 7    | 0            | 0             | 22-10-2018         |
| O                | ASR                       | ASR Nederland - Stock Option | 16-11-2018  | 32,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     | 0    | 0            | 0             | 22-10-2018         |
| O                | ASR                       | ASR Nederland - Stock Option | 16-11-2018  | 34,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,0000     | 5    | 0            | 0             | 22-10-2018         |
| O                | ASR                       | ASR Nederland - Stock Option | 16-11-2018  | 34,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     | 0    | 0            | 51            | 22-10-2018         |



| Instrument Type* | Instrument Trading Symbol | Instrument Name              | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Date  |            |
|------------------|---------------------------|------------------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|------------|------------|
| O                | ASR                       | ASR Nederland - Stock Option | 16-11-2018  | 40,0000        | P                 | EUR               | 1,0200 | 1,2000 | 1,0200 | 3           | 1,2000 | 1,7600     |      | 2            | 3             | 58         | 22-10-2018 |
| O                | ASR                       | ASR Nederland - Stock Option | 16-11-2018  | 40,5000        | C                 | EUR               | 0,6700 | 0,6700 | 0,6700 | 1           | 0,6700 | 0,5200     |      | 1            | 1             | 21         | 22-10-2018 |
| O                | ASR                       | ASR Nederland - Stock Option | 16-11-2018  | 40,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1100     |      | 2            | 0             | 63         | 22-10-2018 |
| O                | ASR                       | ASR Nederland - Stock Option | 16-11-2018  | 41,0000        | C                 | EUR               | 0,8800 | 0,8800 | 0,4700 | 4           | 0,4700 | 0,4100     |      | 0            | 17            | 119        | 22-10-2018 |
| O                | ASR                       | ASR Nederland - Stock Option | 16-11-2018  | 41,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5000     |      | 3            | 0             | 76         | 22-10-2018 |
| O                | ASR                       | ASR Nederland - Stock Option | 16-11-2018  | 41,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3200     |      | 0            | 0             | 6          | 22-10-2018 |
| O                | ASR                       | ASR Nederland - Stock Option | 16-11-2018  | 41,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9100     |      | 3            | 0             | 1          | 22-10-2018 |
| O                | ASR                       | ASR Nederland - Stock Option | 16-11-2018  | 42,0000        | C                 | EUR               | 0,6200 | 0,6200 | 0,2500 | 5           | 0,2500 | 0,2600     |      | 0            | 24            | 221        | 22-10-2018 |
| O                | ASR                       | ASR Nederland - Stock Option | 16-11-2018  | 42,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3500     |      | 3            | 0             | 205        | 22-10-2018 |
| O                | ASR                       | ASR Nederland - Stock Option | 16-11-2018  | 42,5000        | C                 | EUR               | 0,4000 | 0,4000 | 0,2400 | 5           | 0,2400 | 0,2100     |      | 0            | 9             | 22         | 22-10-2018 |
| O                | ASR                       | ASR Nederland - Stock Option | 16-11-2018  | 42,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8000     |      | 0            | 0             | 10         | 22-10-2018 |
| O                | ASR                       | ASR Nederland - Stock Option | 16-11-2018  | 43,0000        | C                 | EUR               | 0,3100 | 0,3100 | 0,3100 | 1           | 0,3100 | 0,1700     |      | 0            | 5             | 29         | 22-10-2018 |
| O                | ASR                       | ASR Nederland - Stock Option | 16-11-2018  | 43,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,2600     |      | 4            | 0             | 1          | 22-10-2018 |
| O                | ASR                       | ASR Nederland - Stock Option | 16-11-2018  | 43,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1600     |      | 0            | 0             | 0          | 22-10-2018 |
| O                | ASR                       | ASR Nederland - Stock Option | 16-11-2018  | 43,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,7500     |      | 5            | 0             | 0          | 22-10-2018 |
| O                | ASR                       | ASR Nederland - Stock Option | 16-11-2018  | 44,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     |      | 0            | 30            | 22-10-2018 |            |
| O                | ASR                       | ASR Nederland - Stock Option | 16-11-2018  | 44,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,2300     |      | 5            | 0             | 37         | 22-10-2018 |
| O                | ASR                       | ASR Nederland - Stock Option | 16-11-2018  | 45,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     |      | 0            | 0             | 0          | 22-10-2018 |
| O                | ASR                       | ASR Nederland - Stock Option | 16-11-2018  | 45,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,2100     |      | 6            | 0             | 0          | 22-10-2018 |
| O                | ASR                       | ASR Nederland - Stock Option | 16-11-2018  | 46,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     |      | 0            | 0             | 46         | 22-10-2018 |
| O                | ASR                       | ASR Nederland - Stock Option | 16-11-2018  | 46,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,1900     |      | 7            | 0             | 0          | 22-10-2018 |
| O                | ASR                       | ASR Nederland - Stock Option | 16-11-2018  | 47,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     |      | 0            | 0             | 0          | 22-10-2018 |
| O                | ASR                       | ASR Nederland - Stock Option | 16-11-2018  | 47,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,1800     |      | 8            | 0             | 0          | 22-10-2018 |
| O                | ASR                       | ASR Nederland - Stock Option | 16-11-2018  | 48,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     |      | 0            | 11            | 22-10-2018 |            |
| O                | ASR                       | ASR Nederland - Stock Option | 16-11-2018  | 48,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,1600     |      | 9            | 0             | 0          | 22-10-2018 |
| O                | ASR                       | ASR Nederland - Stock Option | 16-11-2018  | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     |      | 0            | 0             | 0          | 22-10-2018 |
| O                | ASR                       | ASR Nederland - Stock Option | 16-11-2018  | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,1200    |      | 11           | 0             | 0          | 22-10-2018 |
| O                | ASR                       | ASR Nederland - Stock Option | 21-12-2018  | 26,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,9700    |      | 13           | 0             | 0          | 22-10-2018 |
| O                | ASR                       | ASR Nederland - Stock Option | 21-12-2018  | 26,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     |      | 0            | 0             | 67         | 22-10-2018 |
| O                | ASR                       | ASR Nederland - Stock Option | 21-12-2018  | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,0100    |      | 11           | 0             | 0          | 22-10-2018 |
| O                | ASR                       | ASR Nederland - Stock Option | 21-12-2018  | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1000     |      | 0            | 0             | 92         | 22-10-2018 |
| O                | ASR                       | ASR Nederland - Stock Option | 21-12-2018  | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,0400     |      | 9            | 0             | 27         | 22-10-2018 |
| O                | ASR                       | ASR Nederland - Stock Option | 21-12-2018  | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1400     |      | 0            | 0             | 1101       | 22-10-2018 |
| O                | ASR                       | ASR Nederland - Stock Option | 21-12-2018  | 32,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,1000     |      | 7            | 0             | 0          | 22-10-2018 |
| O                | ASR                       | ASR Nederland - Stock Option | 21-12-2018  | 32,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2000     |      | 0            | 0             | 241        | 22-10-2018 |
| O                | ASR                       | ASR Nederland - Stock Option | 21-12-2018  | 34,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,2400     |      | 5            | 0             | 24         | 22-10-2018 |
| O                | ASR                       | ASR Nederland - Stock Option | 21-12-2018  | 34,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3400     |      | 0            | 0             | 300        | 22-10-2018 |
| O                | ASR                       | ASR Nederland - Stock Option | 21-12-2018  | 36,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5600     |      | 4            | 0             | 69         | 22-10-2018 |
| O                | ASR                       | ASR Nederland - Stock Option | 21-12-2018  | 36,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6600     |      | 1            | 0             | 263        | 22-10-2018 |
| O                | ASR                       | ASR Nederland - Stock Option | 21-12-2018  | 38,0000        | C                 | EUR               | 2,2700 | 2,2700 | 2,2700 | 1           | 2,2700 | 2,1700     |      | 2            | 5             | 467        | 22-10-2018 |
| O                | ASR                       | ASR Nederland - Stock Option | 21-12-2018  | 38,0000        | P                 | EUR               | 0,9900 | 1,2200 | 0,9900 | 2           | 1,2200 | 1,2700     |      | 1            | 4             | 459        | 22-10-2018 |
| O                | ASR                       | ASR Nederland - Stock Option | 21-12-2018  | 39,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6200     |      | 2            | 0             | 1          | 22-10-2018 |
| O                | ASR                       | ASR Nederland - Stock Option | 21-12-2018  | 39,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7300     |      | 2            | 0             | 4          | 22-10-2018 |
| O                | ASR                       | ASR Nederland - Stock Option | 21-12-2018  | 40,0000        | C                 | EUR               | 1,3900 | 1,3900 | 1,1600 | 3           | 1,2000 | 1,1900     |      | 1            | 13            | 349        | 22-10-2018 |
| O                | ASR                       | ASR Nederland - Stock Option | 21-12-2018  | 40,0000        | P                 | EUR               | 1,6500 | 1,6500 | 1,6500 | 1           | 1,6500 | 2,2900     |      | 2            | 3             | 210        | 22-10-2018 |
| O                | ASR                       | ASR Nederland - Stock Option | 21-12-2018  | 41,0000        | C                 | EUR               | 1,2500 | 1,3300 | 1,2500 | 2           | 1,3300 | 0,8400     |      | 1            | 7             | 151        | 22-10-2018 |
| O                | ASR                       | ASR Nederland - Stock Option | 21-12-2018  | 41,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9400     |      | 3            | 0             | 16         | 22-10-2018 |
| O                | ASR                       | ASR Nederland - Stock Option | 21-12-2018  | 42,0000        | C                 | EUR               | 1,1100 | 1,1100 | 0,8800 | 3           | 0,8800 | 0,6000     |      | 1            | 3             | 203        | 22-10-2018 |
| O                | ASR                       | ASR Nederland - Stock Option | 21-12-2018  | 42,0000        | P                 | EUR               | 2,7700 | 2,7700 | 2,7700 | 1           | 2,7700 | 3,7100     |      | 4            | 1             | 76         | 22-10-2018 |
| O                | ASR                       | ASR Nederland - Stock Option | 21-12-2018  | 43,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4300     |      | 0            | 0             | 65         | 22-10-2018 |
| O                | ASR                       | ASR Nederland - Stock Option | 21-12-2018  | 43,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,5400     |      | 5            | 0             | 6          | 22-10-2018 |
| O                | ASR                       | ASR Nederland - Stock Option | 21-12-2018  | 44,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3200     |      | 0            | 0             | 111        | 22-10-2018 |
| O                | ASR                       | ASR Nederland - Stock Option | 21-12-2018  | 44,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,4300     |      | 5            | 0             | 18         | 22-10-2018 |
| O                | ASR                       | ASR Nederland - Stock Option | 21-12-2018  | 45,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2200     |      | 0            | 0             | 75         | 22-10-2018 |
| O                | ASR                       | ASR Nederland - Stock Option | 21-12-2018  | 45,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,3300     |      | 6            | 0             | 57         | 22-10-2018 |
| O                | ASR                       | ASR Nederland - Stock Option | 21-12-2018  | 46,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1800     |      | 0            | 0             | 3          | 22-10-2018 |
| O                | ASR                       | ASR Nederland - Stock Option | 21-12-2018  | 46,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,2900     |      | 7            | 0             | 0          | 22-10-2018 |
| O                | ASR                       | ASR Nederland - Stock Option | 21-12-2018  | 47,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1500     |      | 0            | 0             | 3          | 22-10-2018 |
| O                | ASR                       | ASR Nederland - Stock Option | 21-12-2018  | 47,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,2600     |      | 8            | 0             | 0          | 22-10-2018 |
| O                | ASR                       | ASR Nederland - Stock Option | 21-12-2018  | 48,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     |      | 0            | 0             | 23         | 22-10-2018 |
| O                | ASR                       | ASR Nederland - Stock Option | 21-12-2018  | 48,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,2300     |      | 9            | 0             | 0          | 22-10-2018 |
| O                | ASR                       | ASR Nederland - Stock Option | 21-12-2018  | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     |      | 0            | 0             | 12         | 22-10-2018 |
| O                | ASR                       | ASR Nederland - Stock Option | 21-12-2018  | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,2000    |      | 11           | 0             | 15         | 22-10-2018 |
| O                | ASR                       | ASR Nederland - Stock Option | 21-12-2018  | 55,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     |      | 0            | 0             | 0          | 22-10-2018 |
| O                | ASR                       | ASR Nederland - Stock Option | 21-12-2018  | 55,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,1500    |      | 16           | 0             | 29         | 22-10-2018 |
| O                | ASR                       | ASR Nederland - Stock Option | 18-1-2019   | 34,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,3700     |      | 5            | 0             | 0          | 22-10-2018 |
| O                | ASR                       | ASR Nederland - Stock Option | 18-1-2019   | 34,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4800     |      | 0            | 0             | 0          | 22-10-2018 |
| O                | ASR                       | ASR Nederland - Stock Option | 18-1-2019   | 36,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,7700     |      | 4            | 0             | 0          | 22-10-2018 |
| O                | ASR                       | ASR Nederland - Stock Option | 18-1-2019   | 36,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8800     |      | 1            | 0             | 0          | 22-10-2018 |
| O                | ASR                       | ASR Nederland - Stock Option | 18-1-2019   | 38,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4300     |      | 2            | 0             | 0          | 22-10-2018 |
| O                | ASR                       | ASR Nederland - Stock Option | 18-1-2019   | 38,0000        | P                 | EUR               | 1,5000 | 1,5000 | 1,5000 | 1           | 1,5000 | 1,5500     |      | 2            | 1             | 1          | 22-10-2018 |
| O                | ASR                       | ASR Nederland - Stock Option | 18-1-2019   | 39,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9000     |      | 2            | 0             | 0          | 22-10-2018 |
| O                | ASR                       | ASR Nederland - Stock Option | 18-1-2019   | 39,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0100     |      | 2            | 0             | 0          | 22-10-2018 |
| O                | ASR                       | ASR Nederland - Stock Option | 18-1-2019   | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4600     |      | 1            | 0             | 0          | 22-10-2018 |
| O                | ASR                       | ASR Nederland - Stock Option | 18-1-2019   | 40,0000        | P                 | EUR</             |        |        |        |             |        |            |      |              |               |            |            |



| Instrument Type* | Instrument Trading Symbol | Instrument Name              | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|------------------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | ASR                       | ASR Nederland - Stock Option | 15-3-2019   | 26,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,0000    |      | 13           | 0             | 22-10-2018         |
| O                | ASR                       | ASR Nederland - Stock Option | 15-3-2019   | 26,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1000     |      | 0            | 0             | 5 22-10-2018       |
| O                | ASR                       | ASR Nederland - Stock Option | 15-3-2019   | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,0600    |      | 11           | 0             | 11 22-10-2018      |
| O                | ASR                       | ASR Nederland - Stock Option | 15-3-2019   | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1700     |      | 0            | 0             | 15 22-10-2018      |
| O                | ASR                       | ASR Nederland - Stock Option | 15-3-2019   | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,1900     |      | 9            | 0             | 5 22-10-2018       |
| O                | ASR                       | ASR Nederland - Stock Option | 15-3-2019   | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3000     |      | 0            | 0             | 111 22-10-2018     |
| O                | ASR                       | ASR Nederland - Stock Option | 15-3-2019   | 32,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,3700     |      | 7            | 0             | 4 22-10-2018       |
| O                | ASR                       | ASR Nederland - Stock Option | 15-3-2019   | 32,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4900     |      | 0            | 0             | 27 22-10-2018      |
| O                | ASR                       | ASR Nederland - Stock Option | 15-3-2019   | 34,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,7000     |      | 6            | 0             | 22 22-10-2018      |
| O                | ASR                       | ASR Nederland - Stock Option | 15-3-2019   | 34,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8200     |      | 1            | 0             | 91 22-10-2018      |
| O                | ASR                       | ASR Nederland - Stock Option | 15-3-2019   | 36,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,1900     |      | 4            | 0             | 16 22-10-2018      |
| O                | ASR                       | ASR Nederland - Stock Option | 15-3-2019   | 36,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3100     |      | 1            | 0             | 175 22-10-2018     |
| O                | ASR                       | ASR Nederland - Stock Option | 15-3-2019   | 38,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9100     |      | 3            | 0             | 121 22-10-2018     |
| O                | ASR                       | ASR Nederland - Stock Option | 15-3-2019   | 38,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0400     |      | 2            | 0             | 626 22-10-2018     |
| O                | ASR                       | ASR Nederland - Stock Option | 15-3-2019   | 39,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3800     |      | 2            | 0             | 706 22-10-2018     |
| O                | ASR                       | ASR Nederland - Stock Option | 15-3-2019   | 39,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5100     |      | 3            | 0             | 0 22-10-2018       |
| O                | ASR                       | ASR Nederland - Stock Option | 15-3-2019   | 40,0000        | C                 | EUR               | 2,7500 | 2,7500 | 2,7500 | 1           | 2,7500 | 1,9400     |      | 2            | 20            | 218 22-10-2018     |
| O                | ASR                       | ASR Nederland - Stock Option | 15-3-2019   | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0700     |      | 3            | 0             | 627 22-10-2018     |
| O                | ASR                       | ASR Nederland - Stock Option | 15-3-2019   | 41,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5700     |      | 2            | 0             | 0 22-10-2018       |
| O                | ASR                       | ASR Nederland - Stock Option | 15-3-2019   | 41,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,7000     |      | 4            | 0             | 0 22-10-2018       |
| O                | ASR                       | ASR Nederland - Stock Option | 15-3-2019   | 42,0000        | C                 | EUR               | 1,7500 | 1,7500 | 1,4700 | 2           | 1,4700 | 1,2800     |      | 1            | 9             | 476 22-10-2018     |
| O                | ASR                       | ASR Nederland - Stock Option | 15-3-2019   | 42,0000        | P                 | EUR               | 4,0000 | 4,0000 | 4,0000 | 1           | 4,0000 | 4,4100     |      | 4            | 3             | 53 22-10-2018      |
| O                | ASR                       | ASR Nederland - Stock Option | 15-3-2019   | 43,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0300     |      | 1            | 0             | 35 22-10-2018      |
| O                | ASR                       | ASR Nederland - Stock Option | 15-3-2019   | 43,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,1700     |      | 5            | 0             | 0 22-10-2018       |
| O                | ASR                       | ASR Nederland - Stock Option | 15-3-2019   | 44,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8600     |      | 1            | 0             | 111 22-10-2018     |
| O                | ASR                       | ASR Nederland - Stock Option | 15-3-2019   | 44,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,0000     |      | 6            | 0             | 40 22-10-2018      |
| O                | ASR                       | ASR Nederland - Stock Option | 15-3-2019   | 45,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6800     |      | 1            | 0             | 243 22-10-2018     |
| O                | ASR                       | ASR Nederland - Stock Option | 15-3-2019   | 45,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,8200     |      | 7            | 0             | 46 22-10-2018      |
| O                | ASR                       | ASR Nederland - Stock Option | 15-3-2019   | 46,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5800     |      | 1            | 0             | 1 22-10-2018       |
| O                | ASR                       | ASR Nederland - Stock Option | 15-3-2019   | 46,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,7200     |      | 8            | 0             | 0 22-10-2018       |
| O                | ASR                       | ASR Nederland - Stock Option | 15-3-2019   | 47,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4900     |      | 0            | 0             | 0 22-10-2018       |
| O                | ASR                       | ASR Nederland - Stock Option | 15-3-2019   | 47,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,6300     |      | 9            | 0             | 0 22-10-2018       |
| O                | ASR                       | ASR Nederland - Stock Option | 15-3-2019   | 48,0000        | C                 | EUR               | 0,5000 | 0,5000 | 0,5000 | 1           | 0,5000 | 0,4200     |      | 0            | 1             | 7 22-10-2018       |
| O                | ASR                       | ASR Nederland - Stock Option | 15-3-2019   | 48,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,5600     |      | 10           | 0             | 0 22-10-2018       |
| O                | ASR                       | ASR Nederland - Stock Option | 15-3-2019   | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3200     |      | 0            | 0             | 25 22-10-2018      |
| O                | ASR                       | ASR Nederland - Stock Option | 15-3-2019   | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,4700    |      | 11           | 0             | 0 22-10-2018       |
| O                | ASR                       | ASR Nederland - Stock Option | 15-3-2019   | 55,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1800     |      | 0            | 0             | 11 22-10-2018      |
| O                | ASR                       | ASR Nederland - Stock Option | 15-3-2019   | 55,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,3300    |      | 16           | 0             | 0 22-10-2018       |
| O                | ASR                       | ASR Nederland - Stock Option | 21-6-2019   | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,1500    |      | 11           | 0             | 0 22-10-2018       |
| O                | ASR                       | ASR Nederland - Stock Option | 21-6-2019   | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4700     |      | 0            | 0             | 1 22-10-2018       |
| O                | ASR                       | ASR Nederland - Stock Option | 21-6-2019   | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,3200     |      | 9            | 0             | 0 22-10-2018       |
| O                | ASR                       | ASR Nederland - Stock Option | 21-6-2019   | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7100     |      | 1            | 0             | 3 22-10-2018       |
| O                | ASR                       | ASR Nederland - Stock Option | 21-6-2019   | 35,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,2500     |      | 5            | 0             | 0 22-10-2018       |
| O                | ASR                       | ASR Nederland - Stock Option | 21-6-2019   | 35,0000        | P                 | EUR               | 1,9000 | 1,9000 | 1,9000 | 1           | 1,9000 | 1,9200     |      | 2            | 1             | 64 22-10-2018      |
| O                | ASR                       | ASR Nederland - Stock Option | 21-6-2019   | 36,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,5600     |      | 5            | 0             | 0 22-10-2018       |
| O                | ASR                       | ASR Nederland - Stock Option | 21-6-2019   | 36,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3000     |      | 2            | 0             | 0 22-10-2018       |
| O                | ASR                       | ASR Nederland - Stock Option | 21-6-2019   | 38,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4000     |      | 3            | 0             | 51 22-10-2018      |
| O                | ASR                       | ASR Nederland - Stock Option | 21-6-2019   | 38,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2600     |      | 3            | 0             | 30 22-10-2018      |
| O                | ASR                       | ASR Nederland - Stock Option | 21-6-2019   | 40,0000        | C                 | EUR               | 2,7000 | 2,7000 | 2,7000 | 1           | 2,7000 | 2,4700     |      | 2            | 1             | 41 22-10-2018      |
| O                | ASR                       | ASR Nederland - Stock Option | 21-6-2019   | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,4400     |      | 4            | 0             | 54 22-10-2018      |
| O                | ASR                       | ASR Nederland - Stock Option | 21-6-2019   | 42,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7800     |      | 2            | 0             | 37 22-10-2018      |
| O                | ASR                       | ASR Nederland - Stock Option | 21-6-2019   | 42,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,8500     |      | 6            | 0             | 53 22-10-2018      |
| O                | ASR                       | ASR Nederland - Stock Option | 21-6-2019   | 44,0000        | C                 | EUR               | 1,5300 | 1,5300 | 1,5300 | 1           | 1,5300 | 1,2800     |      | 1            | 1             | 44 22-10-2018      |
| O                | ASR                       | ASR Nederland - Stock Option | 21-6-2019   | 44,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,4200     |      | 7            | 0             | 0 22-10-2018       |
| O                | ASR                       | ASR Nederland - Stock Option | 21-6-2019   | 46,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9500     |      | 1            | 0             | 5 22-10-2018       |
| O                | ASR                       | ASR Nederland - Stock Option | 21-6-2019   | 46,0000        | P                 | EUR               | 8,0500 | 8,0500 | 8,0500 | 1           | 8,0500 | 9,1300     |      | 9            | 2             | 2 22-10-2018       |
| O                | ASR                       | ASR Nederland - Stock Option | 21-6-2019   | 48,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7100     |      | 1            | 0             | 0 22-10-2018       |
| O                | ASR                       | ASR Nederland - Stock Option | 21-6-2019   | 48,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,9300    |      | 11           | 0             | 0 22-10-2018       |
| O                | ASR                       | ASR Nederland - Stock Option | 21-6-2019   | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5600     |      | 1            | 0             | 28 22-10-2018      |
| O                | ASR                       | ASR Nederland - Stock Option | 21-6-2019   | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,8000    |      | 13           | 0             | 16 22-10-2018      |
| O                | ASR                       | ASR Nederland - Stock Option | 21-6-2019   | 55,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3100     |      | 0            | 0             | 0 22-10-2018       |
| O                | ASR                       | ASR Nederland - Stock Option | 21-6-2019   | 55,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,5900    |      | 18           | 0             | 72 22-10-2018      |
| O                | ATC                       | Altice Europe - Stock Option | 16-11-2018  | 1,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9100     |      | 1            | 0             | 10 22-10-2018      |
| O                | ATC                       | Altice Europe - Stock Option | 16-11-2018  | 1,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     |      | 0            | 0             | 80 22-10-2018      |
| O                | ATC                       | Altice Europe - Stock Option | 16-11-2018  | 1,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7200     |      | 1            | 0             | 0 22-10-2018       |
| O                | ATC                       | Altice Europe - Stock Option | 16-11-2018  | 1,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     |      | 0            | 0             | 0 22-10-2018       |
| O                | ATC                       | Altice Europe - Stock Option | 16-11-2018  | 1,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5400     |      | 1            | 0             | 0 22-10-2018       |
| O                | ATC                       | Altice Europe - Stock Option | 16-11-2018  | 1,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     |      | 0            | 0             | 200 22-10-2018     |
| O                | ATC                       | Altice Europe - Stock Option | 16-11-2018  | 2,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3900     |      | 0            | 0             | 4 22-10-2018       |
| O                | ATC                       | Altice Europe - Stock Option | 16-11-2018  | 2,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1000     |      | 0            | 0             | 97 22-10-2018      |
| O                | ATC                       | Altice Europe - Stock Option | 16-11-2018  | 2,1000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3100     |      | 0            | 0             | 10 22-10-2018      |
| O                | ATC                       | Altice Europe - Stock Option | 16-11-2018  | 2,1000         | P                 | EUR               | 0,1100 | 0,1100 | 0,1100 | 2           | 0,1100 | 0,1300     |      | 0            | 10            | 239 22-10-2018     |
| O                | ATC                       | Altice Europe - Stock Option | 16-11-2018  | 2,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2500     |      | 0            | 0             | 14 22-10-2018      |
| O                | ATC                       | Altice Europe - Stock Option | 16-11-2018  | 2,2000         | P                 | EUR               | 0,1600 | 0,1600 | 0,1600 | 1           | 0,1600 | 0,1700     |      | 0            | 4             | 230 22-10-2018     |
| O                | ATC                       | Altice Europe - Stock Option | 16-11-2018  | 2,3000         | C                 | EUR               | 0,1900 | 0,1900 | 0,1900 | 1           | 0,1900 | 0,2000     |      | 0            | 100           | 22-10-2018         |
| O                | ATC                       | Altice Europe - Stock Option | 16-11-2018  | 2,3000         | P                 | EUR               | 0,2000 | 0,2100 | 0,2000 | 3           | 0,2100 | 0,2200     |      | 0            | 15            | 399 22-10-2018     |
| O                | ATC                       | Altice Europe - Stock Option | 16-11-2018  | 2,4000         | C                 | EUR               | 0,1900 | 0,1900 | 0,     |             |        |            |      |              |               |                    |



Euronext Amsterdam N.V. – Beursplein 5, Amsterdam – Tel: +31 (0) 20 721 4444



| Instrument Type* | Instrument Trading Symbol | Instrument Name                 | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|---------------------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | ATC                       | Alice Europe - Stock Option     | 15-3-2019   | 3,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     | 0    | 0            | 159           | 22-10-2018         |
| O                | ATC                       | Alice Europe - Stock Option     | 15-3-2019   | 3,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3100     | 1    | 0            | 1             | 22-10-2018         |
| O                | ATC                       | Alice Europe - Stock Option     | 15-3-2019   | 4,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     | 0    | 20           | 22-10-2018    |                    |
| O                | ATC                       | Alice Europe - Stock Option     | 15-3-2019   | 4,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7900     | 2    | 0            | 0             | 22-10-2018         |
| O                | ATC                       | Alice Europe - Stock Option     | 15-3-2019   | 4,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 200          | 22-10-2018    |                    |
| O                | ATC                       | Alice Europe - Stock Option     | 15-3-2019   | 4,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2800     | 2    | 0            | 20            | 22-10-2018         |
| O                | ATC                       | Alice Europe - Stock Option     | 21-6-2019   | 0,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7900     | 2    | 0            | 20            | 22-10-2018         |
| O                | ATC                       | Alice Europe - Stock Option     | 21-6-2019   | 0,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | ATC                       | Alice Europe - Stock Option     | 21-6-2019   | 1,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3500     | 1    | 0            | 0             | 22-10-2018         |
| O                | ATC                       | Alice Europe - Stock Option     | 21-6-2019   | 1,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     | 0    | 0            | 0             | 22-10-2018         |
| O                | ATC                       | Alice Europe - Stock Option     | 21-6-2019   | 1,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9300     | 1    | 0            | 20            | 22-10-2018         |
| O                | ATC                       | Alice Europe - Stock Option     | 21-6-2019   | 1,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1500     | 0    | 0            | 68            | 22-10-2018         |
| O                | ATC                       | Alice Europe - Stock Option     | 21-6-2019   | 1,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7200     | 1    | 0            | 36            | 22-10-2018         |
| O                | ATC                       | Alice Europe - Stock Option     | 21-6-2019   | 1,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2400     | 0    | 0            | 48            | 22-10-2018         |
| O                | ATC                       | Alice Europe - Stock Option     | 21-6-2019   | 2,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5900     | 1    | 0            | 65            | 22-10-2018         |
| O                | ATC                       | Alice Europe - Stock Option     | 21-6-2019   | 2,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3100     | 0    | 0            | 142           | 22-10-2018         |
| O                | ATC                       | Alice Europe - Stock Option     | 21-6-2019   | 2,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4700     | 0    | 0            | 148           | 22-10-2018         |
| O                | ATC                       | Alice Europe - Stock Option     | 21-6-2019   | 2,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4000     | 0    | 0            | 103           | 22-10-2018         |
| O                | ATC                       | Alice Europe - Stock Option     | 21-6-2019   | 2,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3800     | 0    | 0            | 117           | 22-10-2018         |
| O                | ATC                       | Alice Europe - Stock Option     | 21-6-2019   | 2,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5100     | 1    | 0            | 293           | 22-10-2018         |
| O                | ATC                       | Alice Europe - Stock Option     | 21-6-2019   | 2,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3100     | 0    | 0            | 125           | 22-10-2018         |
| O                | ATC                       | Alice Europe - Stock Option     | 21-6-2019   | 2,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6400     | 1    | 0            | 57            | 22-10-2018         |
| O                | ATC                       | Alice Europe - Stock Option     | 21-6-2019   | 2,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2600     | 0    | 0            | 447           | 22-10-2018         |
| O                | ATC                       | Alice Europe - Stock Option     | 21-6-2019   | 2,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7800     | 1    | 0            | 175           | 22-10-2018         |
| O                | ATC                       | Alice Europe - Stock Option     | 21-6-2019   | 3,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2100     | 0    | 0            | 232           | 22-10-2018         |
| O                | ATC                       | Alice Europe - Stock Option     | 21-6-2019   | 3,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9400     | 1    | 0            | 200           | 22-10-2018         |
| O                | ATC                       | Alice Europe - Stock Option     | 21-6-2019   | 3,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1400     | 0    | 0            | 591           | 22-10-2018         |
| O                | ATC                       | Alice Europe - Stock Option     | 21-6-2019   | 3,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3700     | 1    | 0            | 47            | 22-10-2018         |
| O                | ATC                       | Alice Europe - Stock Option     | 21-6-2019   | 4,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     | 0    | 0            | 14            | 22-10-2018         |
| O                | ATC                       | Alice Europe - Stock Option     | 21-6-2019   | 4,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8400     | 2    | 0            | 0             | 22-10-2018         |
| O                | ATC                       | Alice Europe - Stock Option     | 21-6-2019   | 4,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     | 0    | 0            | 550           | 22-10-2018         |
| O                | ATC                       | Alice Europe - Stock Option     | 21-6-2019   | 4,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3200     | 2    | 0            | 0             | 22-10-2018         |
| O                | ATC                       | Alice Europe - Stock Option     | 20-9-2019   | 0,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7900     | 2    | 0            | 0             | 22-10-2018         |
| O                | ATC                       | Alice Europe - Stock Option     | 20-9-2019   | 0,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | ATC                       | Alice Europe - Stock Option     | 20-9-2019   | 1,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3600     | 1    | 0            | 8             | 22-10-2018         |
| O                | ATC                       | Alice Europe - Stock Option     | 20-9-2019   | 1,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     | 0    | 0            | 0             | 22-10-2018         |
| O                | ATC                       | Alice Europe - Stock Option     | 20-9-2019   | 1,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9700     | 1    | 0            | 19            | 22-10-2018         |
| O                | ATC                       | Alice Europe - Stock Option     | 20-9-2019   | 1,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1900     | 0    | 0            | 70            | 22-10-2018         |
| O                | ATC                       | Alice Europe - Stock Option     | 20-9-2019   | 2,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6400     | 1    | 0            | 41            | 22-10-2018         |
| O                | ATC                       | Alice Europe - Stock Option     | 20-9-2019   | 2,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3600     | 0    | 0            | 23            | 22-10-2018         |
| O                | ATC                       | Alice Europe - Stock Option     | 20-9-2019   | 2,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5300     | 1    | 0            | 1             | 22-10-2018         |
| O                | ATC                       | Alice Europe - Stock Option     | 20-9-2019   | 2,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4600     | 0    | 0            | 83            | 22-10-2018         |
| O                | ATC                       | Alice Europe - Stock Option     | 20-9-2019   | 2,4000         | C                 | EUR               | 0,4800 | 0,4800 | 0,4800 | 1           | 0,4800 | 0,4500     | 0    | 10           | 209           | 22-10-2018         |
| O                | ATC                       | Alice Europe - Stock Option     | 20-9-2019   | 2,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5800     | 1    | 0            | 75            | 22-10-2018         |
| O                | ATC                       | Alice Europe - Stock Option     | 20-9-2019   | 2,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3800     | 0    | 0            | 2             | 22-10-2018         |
| O                | ATC                       | Alice Europe - Stock Option     | 20-9-2019   | 2,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7100     | 1    | 0            | 10            | 22-10-2018         |
| O                | ATC                       | Alice Europe - Stock Option     | 20-9-2019   | 2,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3300     | 0    | 0            | 0             | 22-10-2018         |
| O                | ATC                       | Alice Europe - Stock Option     | 20-9-2019   | 2,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8500     | 1    | 0            | 0             | 22-10-2018         |
| O                | ATC                       | Alice Europe - Stock Option     | 20-9-2019   | 3,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2800     | 0    | 0            | 119           | 22-10-2018         |
| O                | ATC                       | Alice Europe - Stock Option     | 20-9-2019   | 3,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0100     | 1    | 0            | 0             | 22-10-2018         |
| O                | ATC                       | Alice Europe - Stock Option     | 20-9-2019   | 3,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1900     | 0    | 0            | 11            | 22-10-2018         |
| O                | ATC                       | Alice Europe - Stock Option     | 20-9-2019   | 3,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4200     | 1    | 0            | 20            | 22-10-2018         |
| O                | ATC                       | Alice Europe - Stock Option     | 20-9-2019   | 4,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1400     | 0    | 0            | 0             | 22-10-2018         |
| O                | ATC                       | Alice Europe - Stock Option     | 20-9-2019   | 4,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8700     | 2    | 0            | 0             | 22-10-2018         |
| F                | AU6                       | Aurubis AG - Stock Future       | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 53,4653    | 53   | 0            | 0             | 22-10-2018         |
| F                | AU6                       | Aurubis AG - Stock Future       | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 53,4448    | 53   | 0            | 0             | 22-10-2018         |
| F                | AU6                       | Aurubis AG - Stock Future       | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 53,4285    | 53   | 0            | 0             | 22-10-2018         |
| F                | AU6                       | Aurubis AG - Stock Future       | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 51,8106    | 52   | 0            | 0             | 22-10-2018         |
| F                | AU6                       | Aurubis AG - Stock Future       | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 51,7647    | 52   | 0            | 0             | 22-10-2018         |
| F                | AU6                       | Aurubis AG - Stock Future       | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 51,7222    | 52   | 0            | 0             | 22-10-2018         |
| F                | AW6                       | Aviva - Stock Future            | 16-11-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 420,1800   | 420  | 0            | 0             | 22-10-2018         |
| F                | AW6                       | Aviva - Stock Future            | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 420,4400   | 420  | 0            | 0             | 22-10-2018         |
| F                | AW6                       | Aviva - Stock Future            | 18-1-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 420,6600   | 421  | 0            | 0             | 22-10-2018         |
| F                | AW6                       | Aviva - Stock Future            | 15-3-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 421,1300   | 421  | 0            | 0             | 22-10-2018         |
| F                | AW6                       | Aviva - Stock Future            | 21-6-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 400,5200   | 401  | 0            | 0             | 22-10-2018         |
| F                | AW6                       | Aviva - Stock Future            | 20-9-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 391,2100   | 391  | 0            | 0             | 22-10-2018         |
| F                | AW8                       | Aviva - Dividend Future         | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 28,2500    | 28   | 0            | 0             | 22-10-2018         |
| F                | AW8                       | Aviva - Dividend Future         | 20-12-2019  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 32,2000    | 32   | 0            | 0             | 22-10-2018         |
| F                | AW8                       | Aviva - Dividend Future         | 18-12-2020  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 36,5000    | 37   | 0            | 0             | 22-10-2018         |
| F                | AW8                       | Aviva - Dividend Future         | 17-12-2021  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 40,5000    | 41   | 0            | 0             | 22-10-2018         |
| F                | AW8                       | Aviva - Dividend Future         | 16-12-2022  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 44,0000    | 44   | 0            | 0             | 22-10-2018         |
| F                | AX6                       | Axel Springer SE - Stock Future | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 57,2843    | 57   | 0            | 0             | 22-10-2018         |
| F                | AX6                       | Axel Springer SE - Stock Future | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 57,2623    | 57   | 0            | 0             | 22-10-2018         |
| F                | AX6                       | Axel Springer SE - Stock Future | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 57,2448    | 57   | 0            | 0             | 22-10-2018         |
| F                | AX6                       | Axel Springer SE - Stock Future | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 57,2254    | 57   | 0            | 0             | 22-10-2018         |
| F                | AX6                       | Axel Springer SE - Stock Future | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 55,0760    | 55   | 0            | 0             | 22-10-2018         |
| F                | AX6                       | Axel Springer SE - Stock Future | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 55,0307    | 55   | 0            | 0             | 22-10-2018         |
| F                | AY6                       | Sampo A - Stock Future          | 16-11-2018  |                |                   |                   |        |        |        |             |        |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name           | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|---------------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| F                | AY8                       | Sampo A - Dividend Future | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4000     |      | 2            | 0             | 22-10-2018         |
| F                | AY8                       | Sampo A - Dividend Future | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4000     |      | 2            | 0             | 22-10-2018         |
| F                | AY8                       | Sampo A - Dividend Future | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4000     |      | 2            | 0             | 22-10-2018         |
| F                | AZ6                       | Allianz SE - Stock Future | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 183,9296   |      | 184          | 0             | 22-10-2018         |
| F                | AZ6                       | Allianz SE - Stock Future | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 183,8591   |      | 184          | 0             | 22-10-2018         |
| F                | AZ6                       | Allianz SE - Stock Future | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 183,8027   |      | 184          | 0             | 22-10-2018         |
| F                | AZ6                       | Allianz SE - Stock Future | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 183,7406   |      | 184          | 0             | 22-10-2018         |
| F                | AZ6                       | Allianz SE - Stock Future | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 176,3807   |      | 176          | 0             | 22-10-2018         |
| F                | AZ6                       | Allianz SE - Stock Future | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 176,2357   |      | 176          | 0             | 22-10-2018         |
| F                | AZ8                       | Allianz - Dividend Future | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,0000     |      | 8            | 0             | 6 22-10-2018       |
| F                | AZ8                       | Allianz - Dividend Future | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,3750     |      | 8            | 12            | 22-10-2018         |
| F                | AZ8                       | Allianz - Dividend Future | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,5000     |      | 9            | 0             | 22-10-2018         |
| F                | AZ8                       | Allianz - Dividend Future | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,4000     |      | 8            | 0             | 22-10-2018         |
| F                | AZ8                       | Allianz - Dividend Future | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,4000     |      | 8            | 0             | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option    | 16-11-2018  | 160,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 24,3100    |      | 24           | 0             | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option    | 16-11-2018  | 160,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3600     |      | 0            | 0             | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option    | 16-11-2018  | 170,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,7700    |      | 15           | 0             | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option    | 16-11-2018  | 170,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8300     |      | 1            | 0             | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option    | 16-11-2018  | 175,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,3900    |      | 10           | 0             | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option    | 16-11-2018  | 175,0000       | P                 | EUR               | 1,1400 | 1,1400 | 1,1400 | 1           | 1,1400 | 1,4500     |      | 1            | 4             | 4 22-10-2018       |
| O                | AZQ                       | Allianz - Stock Option    | 16-11-2018  | 178,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,9600     |      | 8            | 0             | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option    | 16-11-2018  | 178,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0200     |      | 2            | 0             | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option    | 16-11-2018  | 180,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,4900     |      | 6            | 0             | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option    | 16-11-2018  | 180,0000       | P                 | EUR               | 1,7600 | 1,7600 | 1,7600 | 1           | 1,7600 | 2,5500     |      | 3            | 10            | 10 22-10-2018      |
| O                | AZQ                       | Allianz - Stock Option    | 16-11-2018  | 182,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,1400     |      | 5            | 0             | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option    | 16-11-2018  | 182,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2000     |      | 3            | 0             | 3 22-10-2018       |
| O                | AZQ                       | Allianz - Stock Option    | 16-11-2018  | 184,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9500     |      | 4            | 0             | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option    | 16-11-2018  | 184,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,0200     |      | 4            | 0             | 25 22-10-2018      |
| O                | AZQ                       | Allianz - Stock Option    | 16-11-2018  | 186,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9500     |      | 3            | 0             | 0 22-10-2018       |
| O                | AZQ                       | Allianz - Stock Option    | 16-11-2018  | 186,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,0200     |      | 5            | 0             | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option    | 16-11-2018  | 188,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1400     |      | 2            | 0             | 0 22-10-2018       |
| O                | AZQ                       | Allianz - Stock Option    | 16-11-2018  | 188,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,2100     |      | 6            | 0             | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option    | 16-11-2018  | 190,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5100     |      | 2            | 25            | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option    | 16-11-2018  | 190,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,5900     |      | 8            | 0             | 0 22-10-2018       |
| O                | AZQ                       | Allianz - Stock Option    | 16-11-2018  | 192,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0300     |      | 1            | 3             | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option    | 16-11-2018  | 192,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,1100     |      | 9            | 0             | 0 22-10-2018       |
| O                | AZQ                       | Allianz - Stock Option    | 16-11-2018  | 194,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7000     |      | 1            | 0             | 0 22-10-2018       |
| O                | AZQ                       | Allianz - Stock Option    | 16-11-2018  | 194,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,7700    |      | 11           | 0             | 0 22-10-2018       |
| O                | AZQ                       | Allianz - Stock Option    | 16-11-2018  | 195,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5700     |      | 1            | 0             | 0 22-10-2018       |
| O                | AZQ                       | Allianz - Stock Option    | 16-11-2018  | 195,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,6500    |      | 12           | 0             | 25 22-10-2018      |
| O                | AZQ                       | Allianz - Stock Option    | 16-11-2018  | 196,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4700     |      | 0            | 0             | 0 22-10-2018       |
| O                | AZQ                       | Allianz - Stock Option    | 16-11-2018  | 196,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,5400    |      | 13           | 0             | 0 22-10-2018       |
| O                | AZQ                       | Allianz - Stock Option    | 16-11-2018  | 198,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3200     |      | 0            | 0             | 0 22-10-2018       |
| O                | AZQ                       | Allianz - Stock Option    | 16-11-2018  | 198,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,4000    |      | 14           | 0             | 0 22-10-2018       |
| O                | AZQ                       | Allianz - Stock Option    | 16-11-2018  | 200,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2300     |      | 0            | 0             | 0 22-10-2018       |
| O                | AZQ                       | Allianz - Stock Option    | 16-11-2018  | 200,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,3000    |      | 16           | 0             | 0 22-10-2018       |
| O                | AZQ                       | Allianz - Stock Option    | 16-11-2018  | 205,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     |      | 0            | 0             | 0 22-10-2018       |
| O                | AZQ                       | Allianz - Stock Option    | 16-11-2018  | 205,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,2000    |      | 21           | 0             | 0 22-10-2018       |
| O                | AZQ                       | Allianz - Stock Option    | 16-11-2018  | 210,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     |      | 0            | 0             | 0 22-10-2018       |
| O                | AZQ                       | Allianz - Stock Option    | 16-11-2018  | 210,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 26,1300    |      | 26           | 0             | 0 22-10-2018       |
| O                | AZQ                       | Allianz - Stock Option    | 16-11-2018  | 220,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     |      | 0            | 0             | 0 22-10-2018       |
| O                | AZQ                       | Allianz - Stock Option    | 16-11-2018  | 220,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 36,1100    |      | 36           | 0             | 0 22-10-2018       |
| O                | AZQ                       | Allianz - Stock Option    | 21-12-2018  | 130,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 54,0100    |      | 54           | 0             | 0 22-10-2018       |
| O                | AZQ                       | Allianz - Stock Option    | 21-12-2018  | 130,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     |      | 0            | 0             | 0 22-10-2018       |
| O                | AZQ                       | Allianz - Stock Option    | 21-12-2018  | 140,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 44,1600    |      | 44           | 0             | 0 22-10-2018       |
| O                | AZQ                       | Allianz - Stock Option    | 21-12-2018  | 140,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2300     |      | 0            | 0             | 0 22-10-2018       |
| O                | AZQ                       | Allianz - Stock Option    | 21-12-2018  | 150,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 34,4300    |      | 34           | 0             | 0 22-10-2018       |
| O                | AZQ                       | Allianz - Stock Option    | 21-12-2018  | 150,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5200     |      | 1            | 0             | 1 22-10-2018       |
| O                | AZQ                       | Allianz - Stock Option    | 21-12-2018  | 160,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 24,8500    |      | 25           | 0             | 0 22-10-2018       |
| O                | AZQ                       | Allianz - Stock Option    | 21-12-2018  | 160,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9600     |      | 1            | 2             | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option    | 21-12-2018  | 165,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 20,2600    |      | 20           | 0             | 0 22-10-2018       |
| O                | AZQ                       | Allianz - Stock Option    | 21-12-2018  | 165,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3700     |      | 1            | 0             | 0 22-10-2018       |
| O                | AZQ                       | Allianz - Stock Option    | 21-12-2018  | 170,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,8600    |      | 16           | 0             | 0 22-10-2018       |
| O                | AZQ                       | Allianz - Stock Option    | 21-12-2018  | 170,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9700     |      | 2            | 0             | 76 22-10-2018      |
| O                | AZQ                       | Allianz - Stock Option    | 21-12-2018  | 175,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,8000    |      | 12           | 0             | 1 22-10-2018       |
| O                | AZQ                       | Allianz - Stock Option    | 21-12-2018  | 175,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9300     |      | 3            | 51            | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option    | 21-12-2018  | 178,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,5600     |      | 10           | 0             | 0 22-10-2018       |
| O                | AZQ                       | Allianz - Stock Option    | 21-12-2018  | 178,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,6900     |      | 4            | 0             | 0 22-10-2018       |
| O                | AZQ                       | Allianz - Stock Option    | 21-12-2018  | 180,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,2200     |      | 8            | 0             | 1 22-10-2018       |
| O                | AZQ                       | Allianz - Stock Option    | 21-12-2018  | 180,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,3500     |      | 4            | 111           | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option    | 21-12-2018  | 182,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,9500     |      | 7            | 0             | 0 22-10-2018       |
| O                | AZQ                       | Allianz - Stock Option    | 21-12-2018  | 182,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,0800     |      | 5            | 0             | 0 22-10-2018       |
| O                | AZQ                       | Allianz - Stock Option    | 21-12-2018  | 184,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,7100     |      | 6            | 0             | 0 22-10-2018       |
| O                | AZQ                       | Allianz - Stock Option    | 21-12-2018  | 184,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,8400     |      | 6            | 0             | 0 22-10-2018       |
| O                | AZQ                       | Allianz - Stock Option    | 21-12-2018  | 185,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,2600     |      | 5            | 0             | 0 22-10-2018       |
| O                | AZQ                       | Allianz - Stock Option    | 21-12-2018  | 185,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,4000     |      | 6            | 7             | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option    | 21-12-2018  | 186,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,750      |      |              |               |                    |



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| Instrument Type* | Instrument Trading Symbol | Instrument Name        | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|------------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | AZQ                       | Allianz - Stock Option | 20-12-2019  | 180,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,8600    | 17   | 0            | 3             | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option | 20-12-2019  | 190,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,6300     | 10   | 0            | 1             | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option | 20-12-2019  | 190,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,9100    | 23   | 0            | 0             | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option | 20-12-2019  | 195,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,7700     | 8    | 0            | 0             | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option | 20-12-2019  | 195,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 26,2600    | 26   | 0            | 0             | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option | 20-12-2019  | 200,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,8600     | 6    | 0            | 4             | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option | 20-12-2019  | 200,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 29,4900    | 29   | 0            | 0             | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option | 20-12-2019  | 210,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8400     | 4    | 0            | 0             | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option | 20-12-2019  | 210,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 37,6600    | 38   | 0            | 0             | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option | 20-12-2019  | 220,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3100     | 2    | 0            | 0             | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option | 20-12-2019  | 220,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 46,2400    | 46   | 0            | 0             | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option | 20-12-2019  | 240,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7500     | 1    | 0            | 0             | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option | 20-12-2019  | 240,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 64,7900    | 65   | 0            | 0             | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option | 20-12-2019  | 250,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4100     | 0    | 0            | 0             | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option | 20-12-2019  | 250,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 74,4900    | 74   | 0            | 0             | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option | 20-12-2019  | 300,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option | 20-12-2019  | 300,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 124,2600   | 124  | 0            | 0             | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option | 19-6-2020   | 100,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 83,9800    | 84   | 0            | 0             | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option | 19-6-2020   | 100,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0000     | 1    | 0            | 0             | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option | 19-6-2020   | 120,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 64,0200    | 64   | 0            | 0             | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option | 19-6-2020   | 120,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9100     | 3    | 0            | 0             | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option | 19-6-2020   | 140,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 44,8200    | 45   | 0            | 0             | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option | 19-6-2020   | 140,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,7100     | 7    | 0            | 0             | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option | 19-6-2020   | 150,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 35,9800    | 36   | 0            | 0             | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option | 19-6-2020   | 150,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,6400     | 10   | 0            | 0             | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option | 19-6-2020   | 160,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 27,9700    | 28   | 0            | 0             | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option | 19-6-2020   | 160,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,3400    | 13   | 0            | 0             | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option | 19-6-2020   | 170,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,1200    | 21   | 0            | 0             | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option | 19-6-2020   | 170,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,0700    | 18   | 0            | 0             | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option | 19-6-2020   | 180,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,3800    | 15   | 0            | 0             | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option | 19-6-2020   | 180,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 23,5900    | 24   | 0            | 0             | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option | 19-6-2020   | 190,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,9900    | 11   | 0            | 0             | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option | 19-6-2020   | 190,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 30,1300    | 30   | 0            | 0             | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option | 19-6-2020   | 195,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,2100     | 9    | 0            | 0             | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option | 19-6-2020   | 195,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 33,7300    | 34   | 0            | 0             | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option | 19-6-2020   | 200,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,4700     | 7    | 0            | 0             | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option | 19-6-2020   | 200,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 37,3100    | 37   | 0            | 0             | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option | 19-6-2020   | 210,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,1400     | 5    | 0            | 0             | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option | 19-6-2020   | 210,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 45,4600    | 45   | 0            | 0             | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option | 19-6-2020   | 220,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4000     | 3    | 0            | 0             | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option | 19-6-2020   | 220,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 54,0600    | 54   | 0            | 0             | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option | 19-6-2020   | 240,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4200     | 1    | 0            | 0             | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option | 19-6-2020   | 240,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 72,5100    | 73   | 0            | 0             | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option | 19-6-2020   | 250,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9000     | 1    | 0            | 0             | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option | 19-6-2020   | 250,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 82,1400    | 82   | 0            | 0             | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option | 19-6-2020   | 300,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     | 0    | 0            | 0             | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option | 19-6-2020   | 300,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 131,6800   | 132  | 0            | 0             | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option | 18-12-2020  | 100,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 83,9800    | 84   | 0            | 0             | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option | 18-12-2020  | 100,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9200     | 1    | 0            | 0             | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option | 18-12-2020  | 120,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 64,0100    | 64   | 0            | 0             | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option | 18-12-2020  | 120,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4200     | 3    | 0            | 0             | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option | 18-12-2020  | 140,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 44,8900    | 45   | 0            | 0             | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option | 18-12-2020  | 140,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,1800     | 8    | 0            | 0             | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option | 18-12-2020  | 150,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 36,1800    | 36   | 0            | 0             | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option | 18-12-2020  | 150,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,3000    | 11   | 0            | 0             | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option | 18-12-2020  | 160,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 28,3700    | 28   | 0            | 0             | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option | 18-12-2020  | 160,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,1600    | 15   | 0            | 0             | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option | 18-12-2020  | 170,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,6600    | 22   | 0            | 0             | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option | 18-12-2020  | 170,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 19,8000    | 20   | 0            | 0             | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option | 18-12-2020  | 180,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,1200    | 16   | 0            | 0             | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option | 18-12-2020  | 180,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 25,2900    | 25   | 0            | 0             | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option | 18-12-2020  | 190,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,7900    | 12   | 0            | 0             | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option | 18-12-2020  | 190,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 31,6800    | 32   | 0            | 0             | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option | 18-12-2020  | 200,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,4700     | 8    | 0            | 0             | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option | 18-12-2020  | 200,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 38,8300    | 39   | 0            | 0             | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option | 18-12-2020  | 210,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,9800     | 6    | 0            | 0             | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option | 18-12-2020  | 210,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 46,6500    | 47   | 0            | 0             | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option | 18-12-2020  | 220,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,2000     | 4    | 0            | 0             | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option | 18-12-2020  | 220,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 55,0800    | 55   | 0            | 0             | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option | 18-12-2020  | 240,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0800     | 2    | 0            | 0             | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option | 18-12-2020  | 240,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 73,1700    | 73   | 0            | 0             | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option | 18-12-2020  | 300,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2400     | 0    | 0            | 0             | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option | 18-12-2020  | 300,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 131,6500   | 132  | 0            | 0             | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option | 18-6-2021   | 120,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 64,0000    | 64   | 0            | 0             | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option | 18-6-2021   | 120,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,5400     | 6    | 0            | 0             | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option | 18-6-2021   | 140,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 44,9000    | 45   | 0            | 0             | 22-10-2018         |
| O                | AZQ                       | Allianz - Stock Option | 1           |                |                   |                   |        |        |        |             |        |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name                                | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |            |
|------------------|---------------------------|--|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|------------|
| O                | AZQ                       | Allianz - Stock Option                         | 18-6-2021   | 190,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,3300    |      | 12           | 0             | 22-10-2018         |            |
| O                | AZQ                       | Allianz - Stock Option                         | 18-6-2021   | 190,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 37,7400    |      | 38           | 0             | 22-10-2018         |            |
| O                | AZQ                       | Allianz - Stock Option                         | 18-6-2021   | 200,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,0000     |      | 9            | 0             | 22-10-2018         |            |
| O                | AZQ                       | Allianz - Stock Option                         | 18-6-2021   | 200,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 45,0700    |      | 45           | 0             | 22-10-2018         |            |
| O                | AZQ                       | Allianz - Stock Option                         | 18-6-2021   | 210,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,5200     |      | 7            | 0             | 22-10-2018         |            |
| O                | AZQ                       | Allianz - Stock Option                         | 18-6-2021   | 210,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 53,0300    |      | 53           | 0             | 22-10-2018         |            |
| O                | AZQ                       | Allianz - Stock Option                         | 18-6-2021   | 220,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,7500     |      | 5            | 0             | 22-10-2018         |            |
| O                | AZQ                       | Allianz - Stock Option                         | 18-6-2021   | 220,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 61,6300    |      | 62           | 0             | 22-10-2018         |            |
| O                | AZQ                       | Allianz - Stock Option                         | 18-6-2021   | 250,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8500     |      | 2            | 0             | 22-10-2018         |            |
| O                | AZQ                       | Allianz - Stock Option                         | 18-6-2021   | 250,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 89,3000    |      | 89           | 0             | 22-10-2018         |            |
| O                | AZQ                       | Allianz - Stock Option                         | 18-6-2021   | 300,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3800     |      | 0            | 0             | 22-10-2018         |            |
| O                | AZQ                       | Allianz - Stock Option                         | 18-6-2021   | 300,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 138,1800   |      | 138          | 0             | 22-10-2018         |            |
| F                | BBO                       | Banco Santander OLD                            | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2200     |      | 0            | 5             | 22-10-2018         |            |
| F                | BA6                       | Banco Bilbao Vizcaya Argenta SA - Stock Future | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,0936     |      | 5            | 0             | 22-10-2018         |            |
| F                | BA6                       | Banco Bilbao Vizcaya Argenta SA - Stock Future | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,0917     |      | 5            | 0             | 22-10-2018         |            |
| F                | BA6                       | Banco Bilbao Vizcaya Argenta SA - Stock Future | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,0901     |      | 5            | 0             | 22-10-2018         |            |
| F                | BA6                       | Banco Bilbao Vizcaya Argenta SA - Stock Future | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,0884     |      | 5            | 0             | 22-10-2018         |            |
| F                | BA6                       | Banco Bilbao Vizcaya Argenta SA - Stock Future | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,9340     |      | 5            | 0             | 22-10-2018         |            |
| F                | BA6                       | Banco Bilbao Vizcaya Argenta SA - Stock Future | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,9299     |      | 5            | 0             | 22-10-2018         |            |
| F                | BA8                       | Banco Bilbao Vizcaya Argenta - Dividend Future | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2500     |      | 0            | 0             | 22-10-2018         |            |
| F                | BA8                       | Banco Bilbao Vizcaya Argenta - Dividend Future | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2500     |      | 0            | 0             | 22-10-2018         |            |
| F                | BA8                       | Banco Bilbao Vizcaya Argenta - Dividend Future | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2700     |      | 0            | 0             | 22-10-2018         |            |
| F                | BA8                       | Banco Bilbao Vizcaya Argenta - Dividend Future | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2900     |      | 0            | 0             | 22-10-2018         |            |
| F                | BA8                       | Banco Bilbao Vizcaya Argenta - Dividend Future | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2900     |      | 0            | 0             | 22-10-2018         |            |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 16-11-2018  | 2,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6800     |      | 1            | 0             | 22-10-2018         |            |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 16-11-2018  | 2,4000         | P                 | EUR               | 0,0200 | 0,0200 | 0,0200 | 1           | 0,0200 | 0,0200     |      | 0            | 1             | 86                 | 22-10-2018 |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 16-11-2018  | 2,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4900     |      | 0            | 0             | 22-10-2018         |            |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 16-11-2018  | 2,6000         | P                 | EUR               | 0,0400 | 0,0400 | 0,0400 | 1           | 0,0400 | 0,0300     |      | 0            | 1             | 12                 | 22-10-2018 |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 16-11-2018  | 2,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3100     |      | 0            | 0             | 224                | 22-10-2018 |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 16-11-2018  | 2,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     |      | 0            | 0             | 568                | 22-10-2018 |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 16-11-2018  | 2,9000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2300     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 16-11-2018  | 2,9000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 16-11-2018  | 3,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1700     |      | 0            | 0             | 184                | 22-10-2018 |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 16-11-2018  | 3,0000         | P                 | EUR               | 0,1100 | 0,1100 | 0,1100 | 1           | 0,1100 | 0,1100     |      | 0            | 1             | 1418               | 22-10-2018 |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 16-11-2018  | 3,1000         | C                 | EUR               | 0,1200 | 0,1200 | 0,1100 | 3           | 0,1200 | 0,1100     |      | 0            | 103           | 230                | 22-10-2018 |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 16-11-2018  | 3,1000         | P                 | EUR               | 0,1600 | 0,1600 | 0,1500 | 7           | 0,1500 | 0,1600     |      | 0            | 155           | 1717               | 22-10-2018 |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 16-11-2018  | 3,2000         | C                 | EUR               | 0,0700 | 0,0700 | 0,0700 | 5           | 0,0700 | 0,0700     |      | 0            | 5             | 384                | 22-10-2018 |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 16-11-2018  | 3,2000         | P                 | EUR               | 0,2100 | 0,2100 | 0,2100 | 1           | 0,2100 | 0,2100     |      | 0            | 3             | 557                | 22-10-2018 |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 16-11-2018  | 3,3000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     |      | 0            | 0             | 374                | 22-10-2018 |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 16-11-2018  | 3,3000         | P                 | EUR               | 0,3000 | 0,3000 | 0,2800 | 3           | 0,2800 | 0,2900     |      | 0            | 3             | 383                | 22-10-2018 |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 16-11-2018  | 3,4000         | C                 | EUR               | 0,0300 | 0,0300 | 0,0300 | 1           | 0,0300 | 0,0300     |      | 0            | 14            | 530                | 22-10-2018 |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 16-11-2018  | 3,4000         | P                 | EUR               | 0,3300 | 0,3300 | 0,3300 | 1           | 0,3300 | 0,3700     |      | 0            | 5             | 287                | 22-10-2018 |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 16-11-2018  | 3,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 0             | 1842               | 22-10-2018 |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 16-11-2018  | 3,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4700     |      | 0            | 0             | 514                | 22-10-2018 |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 16-11-2018  | 3,6000         | C                 | EUR               | 0,0100 | 0,0100 | 0,0100 | 2           | 0,0100 | 0,0100     |      | 0            | 2             | 119                | 22-10-2018 |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 16-11-2018  | 3,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5600     |      | 1            | 0             | 40                 | 22-10-2018 |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 16-11-2018  | 3,7000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 68                 | 22-10-2018 |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 16-11-2018  | 3,7000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6500     |      | 1            | 0             | 236                | 22-10-2018 |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 16-11-2018  | 3,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 120                | 22-10-2018 |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 16-11-2018  | 3,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7500     |      | 1            | 0             | 239                | 22-10-2018 |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 16-11-2018  | 3,9000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 5                  | 22-10-2018 |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 16-11-2018  | 3,9000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8500     |      | 1            | 0             | 25                 | 22-10-2018 |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 16-11-2018  | 4,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 72                 | 22-10-2018 |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 16-11-2018  | 4,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9500     |      | 1            | 0             | 32                 | 22-10-2018 |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 16-11-2018  | 4,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 6                  | 22-10-2018 |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 16-11-2018  | 4,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1500     |      | 1            | 0             | 0                  | 22-10-2018 |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 16-11-2018  | 4,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 16-11-2018  | 4,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3500     |      | 1            | 0             | 14                 | 22-10-2018 |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 21-12-2018  | 1,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5500     |      | 2            | 0             | 0                  | 22-10-2018 |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 21-12-2018  | 1,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 18                 | 22-10-2018 |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 21-12-2018  | 2,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0600     |      | 1            | 0             | 645                | 22-10-2018 |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 21-12-2018  | 2,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 1283               | 22-10-2018 |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 21-12-2018  | 2,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7000     |      | 1            | 0             | 0                  | 22-10-2018 |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 21-12-2018  | 2,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 21-12-2018  | 2,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6100     |      | 1            | 0             | 234                | 22-10-2018 |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 21-12-2018  | 2,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     |      | 0            | 0             | 1515               | 22-10-2018 |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 21-12-2018  | 2,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5200     |      | 1            | 0             | 0                  | 22-10-2018 |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 21-12-2018  | 2,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     |      | 0            | 0             | 360                | 22-10-2018 |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 21-12-2018  | 2,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3600     |      | 0            | 0             | 123                | 22-10-2018 |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 21-12-2018  | 2,8000         | P                 | EUR               | 0,1000 | 0,1000 | 0,1000 | 2           | 0,1000 | 0,1100     |      | 0            | 35            | 202                | 22-10-2018 |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 21-12-2018  | 2,9000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2800     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 21-12-2018  | 2,9000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 21-12-2018  | 3,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2100     |      | 0            | 0             | 3608               | 22-10-2018 |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 21-12-2018  | 3,0000         | P                 | EUR               | 0,1600 | 0,1600 | 0,1600 | 1           | 0,1600 | 0,1600     |      | 0            | 1             | 6685               | 22-10-2018 |
| O                | BAM                       | Koninklijke BAM Groep N.V                      | 21-12-2018  | 3,1000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1600     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                |                           |  |             |                |                   |                   |        |        |        |             |        |            |      |              |               |                    |            |



| Instrument Type* | Instrument Trading Symbol | Instrument Name            | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open    | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|----------------------------|-------------|----------------|-------------------|-------------------|---------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-12-2018  | 3,6000         | P                 | EUR               | 0,5500  | 0,5500 | 0,5500 | 2           | 0,5500 | 0,5800     | 1    | 2            | 4035          | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-12-2018  | 3,8000         | C                 | EUR               | 0,0300  | 0,0300 | 0,0300 | 1           | 0,0300 | 0,0100     | 0    | 1            | 2891          | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-12-2018  | 3,8000         | P                 | EUR               | 0,7500  | 0,7500 | 0,7500 | 1           | 0,7500 | 0,7700     | 1    | 1            | 2144          | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-12-2018  | 4,0000         | C                 | EUR               | 0,0100  | 0,0100 | 0,0100 | 1           | 0,0100 | 0,0100     | 0    | 1            | 29437         | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-12-2018  | 4,0000         | P                 | EUR               | 0,9200  | 0,9500 | 0,9000 | 3           | 0,9500 | 0,9600     | 1    | 72           | 8439          | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-12-2018  | 4,2000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 2659          | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-12-2018  | 4,2000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,1600     | 1    | 0            | 2839          | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-12-2018  | 4,4000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 1138          | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-12-2018  | 4,4000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,3500     | 1    | 0            | 2191          | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-12-2018  | 4,5000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 6217          | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-12-2018  | 4,5000         | P                 | EUR               | 1,4200  | 1,4500 | 1,4200 | 10          | 1,4500 | 1,4500     | 1    | 3189         | 10676         | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-12-2018  | 5,0000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 10035         | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-12-2018  | 5,0000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,9500     | 2    | 0            | 7133          | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-12-2018  | 6,0000         | C                 | EUR               | 0,0100  | 0,0100 | 0,0100 | 1           | 0,0100 | 0,0100     | 0    | 3            | 5037          | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-12-2018  | 6,0000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,9500     | 3    | 0            | 2219          | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-12-2018  | 8,0000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 2089          | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-12-2018  | 8,0000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 4,9600     | 5    | 0            | 1168          | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 18-1-2019   | 2,4000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,7100     | 1    | 0            | 0             | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 18-1-2019   | 2,4000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 0            | 0             | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 18-1-2019   | 2,6000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,5400     | 1    | 0            | 0             | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 18-1-2019   | 2,6000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     | 0    | 0            | 0             | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 18-1-2019   | 2,8000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,3800     | 0    | 0            | 0             | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 18-1-2019   | 2,8000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     | 0    | 0            | 0             | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 18-1-2019   | 2,9000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,3000     | 0    | 0            | 0             | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 18-1-2019   | 2,9000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,1500     | 0    | 0            | 0             | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 18-1-2019   | 3,0000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,2300     | 0    | 0            | 0             | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 18-1-2019   | 3,0000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,1800     | 0    | 0            | 0             | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 18-1-2019   | 3,1000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,1900     | 0    | 0            | 0             | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 18-1-2019   | 3,1000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,2400     | 0    | 0            | 0             | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 18-1-2019   | 3,2000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,1500     | 0    | 0            | 0             | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 18-1-2019   | 3,2000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,3000     | 0    | 0            | 0             | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 18-1-2019   | 3,4000         | C                 | EUR               | 0,0800  | 0,0800 | 0,0800 | 1           | 0,0800 | 0,0800     | 0    | 1            | 1             | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 18-1-2019   | 3,4000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,4300     | 0    | 0            | 0             | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 18-1-2019   | 3,6000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 0             | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 18-1-2019   | 3,6000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,6100     | 1    | 0            | 0             | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 18-1-2019   | 3,8000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 0             | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 18-1-2019   | 3,8000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,7800     | 1    | 0            | 0             | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 15-3-2019   | 1,5000         | C                 | EUR               | 15,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5800     | 2    | 0            | 2             | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 15-3-2019   | 1,5000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 1             | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 15-3-2019   | 2,0000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,1100     | 1    | 0            | 0             | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 15-3-2019   | 2,0000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 0            | 487           | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 15-3-2019   | 2,5000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,6600     | 1    | 0            | 56            | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 15-3-2019   | 2,5000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     | 0    | 0            | 241           | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 15-3-2019   | 2,8000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,4300     | 0    | 0            | 0             | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 15-3-2019   | 2,8000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,1800     | 0    | 0            | 0             | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 15-3-2019   | 3,0000         | C                 | EUR               | 0,3000  | 0,3000 | 0,3000 | 1           | 0,3000 | 0,3000     | 0    | 10           | 326           | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 15-3-2019   | 3,0000         | P                 | EUR               | 0,2500  | 0,2500 | 0,2500 | 1           | 0,2500 | 0,2500     | 0    | 1            | 410           | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 15-3-2019   | 3,2000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,2000     | 0    | 0            | 508           | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 15-3-2019   | 3,2000         | P                 | EUR               | 0,3500  | 0,3500 | 0,3500 | 1           | 0,3500 | 0,3500     | 0    | 68           | 1341          | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 15-3-2019   | 3,4000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     | 0    | 0            | 1117          | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 15-3-2019   | 3,4000         | P                 | EUR               | 0,4900  | 0,4900 | 0,4900 | 2           | 0,4900 | 0,4800     | 0    | 124          | 946           | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 15-3-2019   | 3,6000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     | 0    | 0            | 1385          | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 15-3-2019   | 3,6000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,6300     | 1    | 0            | 1006          | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 15-3-2019   | 3,8000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 1582          | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 15-3-2019   | 3,8000         | P                 | EUR               | 0,7500  | 0,7500 | 0,7500 | 2           | 0,7500 | 0,8000     | 1    | 10           | 455           | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 15-3-2019   | 4,0000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     | 0    | 0            | 1007          | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 15-3-2019   | 4,0000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,9900     | 1    | 0            | 2927          | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 15-3-2019   | 4,2000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 571           | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 15-3-2019   | 4,2000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,1800     | 1    | 0            | 284           | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 15-3-2019   | 4,4000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 293           | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 15-3-2019   | 4,4000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,3700     | 1    | 0            | 804           | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 15-3-2019   | 4,5000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 372           | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 15-3-2019   | 4,5000         | P                 | EUR               | 15,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4700     | 1    | 0            | 827           | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 15-3-2019   | 5,0000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 141           | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 15-3-2019   | 5,0000         | P                 | EUR               | 1,9500  | 1,9500 | 1,9500 | 1           | 1,9500 | 1,9600     | 2    | 2            | 387           | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 15-3-2019   | 6,0000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 15-3-2019   | 6,0000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,9600     | 3    | 0            | 212           | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-6-2019   | 1,5000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,5800     | 2    | 0            | 5             | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-6-2019   | 1,5000         | P                 | EUR               | 0,0600  | 0,0600 | 0,0600 | 4           | 0,0600 | 0,0500     | 0    | 465          | 465           | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-6-2019   | 2,0000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,1100     | 1    | 0            | 303           | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-6-2019   | 2,0000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,1000     | 0    | 0            | 946           | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-6-2019   | 2,5000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,6800     | 1    | 0            | 3443          | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-6-2019   | 2,5000         | P                 | EUR               | 0,1700  | 0,1800 | 0,1700 | 10          | 0,1800 | 0,1900     | 0    | 3014         | 6964          | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-6-2019   | 2,8000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,4600     | 0    | 0            | 0             | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-6-2019   | 2,8000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,2800     | 0    | 0            | 5             | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V. | 21-6-2019   | 3,0000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,3500     | 0    | 0            | 7855          | 22-10-2018         |



| Instrument Type* | Instrument Trading Symbol | Instrument Name                            | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|--|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | BAM                       | Koninklijke BAM Groep N.V.                 | 21-6-2019   | 3,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     | 0    | 0            | 1169          | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V.                 | 21-6-2019   | 3,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9400     | 1    | 0            | 128           | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V.                 | 21-6-2019   | 4,0000         | C                 | EUR               | 0,0700 | 0,0700 | 0,0600 | 2           | 0,0600 | 0,0700     | 0    | 2            | 6178          | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V.                 | 21-6-2019   | 4,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1200     | 1    | 0            | 2653          | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V.                 | 21-6-2019   | 4,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     | 0    | 0            | 5231          | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V.                 | 21-6-2019   | 4,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5900     | 2    | 0            | 4941          | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V.                 | 21-6-2019   | 5,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 6704          | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V.                 | 21-6-2019   | 5,0000         | P                 | EUR               | 2,0500 | 2,0500 | 2,0500 | 1           | 2,0500 | 2,0700     | 2    | 1            | 4694          | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V.                 | 21-6-2019   | 6,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 5060          | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V.                 | 21-6-2019   | 6,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0600     | 3    | 0            | 2215          | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V.                 | 21-6-2019   | 8,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 2848          | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V.                 | 21-6-2019   | 8,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,0600     | 5    | 0            | 2306          | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V.                 | 20-9-2019   | 1,5000         | C                 | EUR               | 1,6000 | 1,6000 | 1,6000 | 5           | 1,6000 | 1,5800     | 2    | 815          | 815           | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V.                 | 20-9-2019   | 1,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     | 0    | 0            | 0             | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V.                 | 20-9-2019   | 2,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1200     | 1    | 0            | 0             | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V.                 | 20-9-2019   | 2,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     | 0    | 0            | 0             | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V.                 | 20-9-2019   | 2,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7000     | 1    | 0            | 0             | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V.                 | 20-9-2019   | 2,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2300     | 0    | 0            | 11            | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V.                 | 20-9-2019   | 2,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5000     | 1    | 0            | 0             | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V.                 | 20-9-2019   | 2,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3400     | 0    | 0            | 0             | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V.                 | 20-9-2019   | 3,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4000     | 0    | 0            | 25            | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V.                 | 20-9-2019   | 3,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4400     | 0    | 0            | 707           | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V.                 | 20-9-2019   | 3,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3100     | 0    | 0            | 30            | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V.                 | 20-9-2019   | 3,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5500     | 1    | 0            | 74            | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V.                 | 20-9-2019   | 3,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2300     | 0    | 0            | 7             | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V.                 | 20-9-2019   | 3,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6800     | 1    | 0            | 32            | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V.                 | 20-9-2019   | 3,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1700     | 0    | 0            | 114           | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V.                 | 20-9-2019   | 3,6000         | P                 | EUR               | 0,7800 | 0,7800 | 0,7800 | 1           | 0,7800 | 0,8300     | 1    | 50           | 100           | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V.                 | 20-9-2019   | 4,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1000     | 0    | 0            | 53            | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V.                 | 20-9-2019   | 4,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1600     | 1    | 0            | 236           | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V.                 | 20-9-2019   | 4,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 38            | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V.                 | 20-9-2019   | 4,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6100     | 2    | 0            | 5             | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V.                 | 20-9-2019   | 5,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 0             | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V.                 | 20-9-2019   | 5,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0900     | 2    | 0            | 0             | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V.                 | 20-12-2019  | 1,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5900     | 2    | 0            | 53            | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V.                 | 20-12-2019  | 1,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     | 0    | 0            | 2             | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V.                 | 20-12-2019  | 2,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1400     | 1    | 0            | 1607          | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V.                 | 20-12-2019  | 2,0000         | P                 | EUR               | 0,1500 | 0,1500 | 0,1500 | 1           | 0,1500 | 0,1600     | 0    | 5            | 9497          | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V.                 | 20-12-2019  | 2,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7400     | 1    | 0            | 382           | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V.                 | 20-12-2019  | 2,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2700     | 0    | 0            | 1168          | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V.                 | 20-12-2019  | 3,0000         | C                 | EUR               | 0,4500 | 0,4500 | 0,4500 | 1           | 0,4500 | 0,4500     | 0    | 1            | 4513          | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V.                 | 20-12-2019  | 3,0000         | P                 | EUR               | 0,5000 | 0,5000 | 0,5000 | 1           | 0,5000 | 0,5000     | 1    | 2            | 2755          | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V.                 | 20-12-2019  | 3,5000         | C                 | EUR               | 0,2700 | 0,2700 | 0,2500 | 3           | 0,2500 | 0,2600     | 0    | 7            | 7098          | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V.                 | 20-12-2019  | 3,5000         | P                 | EUR               | 0,8000 | 0,8000 | 0,8000 | 1           | 0,8000 | 0,8200     | 1    | 1            | 2077          | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V.                 | 20-12-2019  | 4,0000         | C                 | EUR               | 0,1400 | 0,1400 | 0,1400 | 1           | 0,1400 | 0,1500     | 0    | 2            | 7825          | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V.                 | 20-12-2019  | 4,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2000     | 1    | 0            | 1692          | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V.                 | 20-12-2019  | 4,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     | 0    | 0            | 3328          | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V.                 | 20-12-2019  | 4,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6500     | 2    | 0            | 3672          | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V.                 | 20-12-2019  | 5,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 766           | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V.                 | 20-12-2019  | 5,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1100     | 2    | 0            | 666           | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V.                 | 20-12-2019  | 6,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 3530          | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V.                 | 20-12-2019  | 6,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0900     | 3    | 0            | 1365          | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V.                 | 19-6-2020   | 1,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6000     | 2    | 0            | 119           | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V.                 | 19-6-2020   | 1,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     | 0    | 0            | 2169          | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V.                 | 19-6-2020   | 2,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1800     | 1    | 0            | 314           | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V.                 | 19-6-2020   | 2,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2400     | 0    | 0            | 67            | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V.                 | 19-6-2020   | 2,5000         | C                 | EUR               | 0,8300 | 0,8500 | 0,8300 | 2           | 0,8500 | 0,8200     | 1    | 25           | 487           | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V.                 | 19-6-2020   | 2,5000         | P                 | EUR               | 0,3900 | 0,3900 | 0,3900 | 4           | 0,3900 | 0,4000     | 0    | 140          | 610           | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V.                 | 19-6-2020   | 3,0000         | C                 | EUR               | 0,5200 | 0,5500 | 0,5000 | 3           | 0,5500 | 0,5300     | 1    | 19           | 773           | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V.                 | 19-6-2020   | 3,0000         | P                 | EUR               | 0,6000 | 0,6000 | 0,6000 | 4           | 0,6000 | 0,6200     | 1    | 8            | 1442          | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V.                 | 19-6-2020   | 3,5000         | C                 | EUR               | 0,3200 | 0,3200 | 0,3200 | 1           | 0,3200 | 0,3300     | 0    | 2            | 1743          | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V.                 | 19-6-2020   | 3,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9200     | 1    | 0            | 434           | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V.                 | 19-6-2020   | 4,0000         | C                 | EUR               | 0,2200 | 0,2200 | 0,2200 | 2           | 0,2200 | 0,2100     | 0    | 51           | 3875          | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V.                 | 19-6-2020   | 4,0000         | P                 | EUR               | 1,3000 | 1,3000 | 1,3000 | 2           | 1,3000 | 1,3100     | 1    | 21           | 427           | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V.                 | 19-6-2020   | 4,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1500     | 0    | 0            | 1204          | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V.                 | 19-6-2020   | 4,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7600     | 2    | 0            | 352           | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V.                 | 19-6-2020   | 5,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1000     | 0    | 0            | 2752          | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V.                 | 19-6-2020   | 5,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2100     | 2    | 0            | 606           | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V.                 | 19-6-2020   | 6,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     | 0    | 0            | 2287          | 22-10-2018         |
| O                | BAM                       | Koninklijke BAM Groep N.V.                 | 19-6-2020   | 6,0000         | P                 | EUR               | 3,1000 | 3,1000 | 3,1000 | 1           | 3,1000 | 3,1600     | 3    | 10           | 203           | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 16-11-2018  | 4,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3000     | 0    | 0            | 50            | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 16-11-2018  | 4,0000         | P                 | EUR               | 0,0500 | 0,0600 | 0,0500 | 2           | 0,0600 | 0,0800     | 0    | 11           | 11            | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 16-11-2018  | 4,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1700     | 0    | 0            | 162           | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 16-11-2018  | 4,2000         | P                 | EUR               | 0,0700 | 0,1000 | 0,0700 | 3           | 0,1000 | 0,1400     | 0    | 15           | 15            | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 16-11-2018  | 4,3000         | C                 | EUR               | 0,1300 | 0,1300 | 0,1300 | 1           | 0,1300 | 0,1200     | 0    | 6            | 6             | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 16-11-2018  | 4,3000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,200      |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name                            | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|--|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 16-11-2018  | 4,8000         | P                 | EUR               | 0,3400 | 0,3400 | 0,3400 | 2           | 0,3400 | 0,6000     | 1    | 42           | 214           | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 16-11-2018  | 4,9000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 110           | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 16-11-2018  | 4,9000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6900     | 1    | 0            | 25            | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 16-11-2018  | 5,0000         | C                 | EUR               | 0,0900 | 0,0900 | 0,0900 | 1           | 0,0900 | 0,0100     | 0    | 10           | 49            | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 16-11-2018  | 5,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7800     | 1    | 0            | 48            | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 16-11-2018  | 5,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 439           | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 16-11-2018  | 5,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9800     | 1    | 0            | 77            | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 16-11-2018  | 5,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 502           | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 16-11-2018  | 5,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1800     | 1    | 0            | 24            | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 16-11-2018  | 5,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 56            | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 16-11-2018  | 5,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3800     | 1    | 0            | 42            | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 16-11-2018  | 5,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 43            | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 16-11-2018  | 5,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5800     | 2    | 0            | 32            | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 16-11-2018  | 6,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 16-11-2018  | 6,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7800     | 2    | 0            | 4             | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 16-11-2018  | 6,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 1             | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 16-11-2018  | 6,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1800     | 2    | 0            | 1             | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 16-11-2018  | 6,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 16-11-2018  | 6,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5800     | 3    | 0            | 0             | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 21-12-2018  | 2,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7300     | 2    | 0            | 0             | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 21-12-2018  | 2,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 21-12-2018  | 3,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2300     | 1    | 0            | 1             | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 21-12-2018  | 3,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 5             | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 21-12-2018  | 3,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7600     | 1    | 0            | 13            | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 21-12-2018  | 3,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     | 0    | 0            | 25            | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 21-12-2018  | 3,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5100     | 1    | 0            | 0             | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 21-12-2018  | 3,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     | 0    | 0            | 0             | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 21-12-2018  | 4,0000         | C                 | EUR               | 0,4300 | 0,4300 | 0,4300 | 1           | 0,4300 | 0,3600     | 0    | 1            | 174           | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 21-12-2018  | 4,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     | 0    | 0            | 409           | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 21-12-2018  | 4,2000         | C                 | EUR               | 0,4100 | 0,4100 | 0,3700 | 2           | 0,3700 | 0,2300     | 0    | 31           | 142           | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 21-12-2018  | 4,2000         | P                 | EUR               | 0,1600 | 0,1600 | 0,1600 | 2           | 0,1600 | 0,2100     | 0    | 76           | 344           | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 21-12-2018  | 4,4000         | C                 | EUR               | 0,1800 | 0,1800 | 0,1700 | 2           | 0,1700 | 0,1500     | 0    | 5            | 104           | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 21-12-2018  | 4,4000         | P                 | EUR               | 0,1900 | 0,2000 | 0,1900 | 2           | 0,2000 | 0,3300     | 0    | 11           | 362           | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 21-12-2018  | 4,5000         | C                 | EUR               | 0,1200 | 0,1200 | 0,1200 | 1           | 0,1200 | 0,1200     | 0    | 10           | 10            | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 21-12-2018  | 4,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4000     | 0    | 0            | 0             | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 21-12-2018  | 4,6000         | C                 | EUR               | 0,1700 | 0,1800 | 0,1200 | 6           | 0,1200 | 0,0900     | 0    | 146          | 644           | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 21-12-2018  | 4,6000         | P                 | EUR               | 0,2200 | 0,2200 | 0,2200 | 2           | 0,2200 | 0,4700     | 0    | 91           | 393           | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 21-12-2018  | 4,7000         | C                 | EUR               | 0,1300 | 0,1300 | 0,0800 | 4           | 0,0800 | 0,0800     | 0    | 6            | 8             | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 21-12-2018  | 4,7000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5500     | 1    | 0            | 3             | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 21-12-2018  | 4,8000         | C                 | EUR               | 0,1300 | 0,1300 | 0,0900 | 2           | 0,0900 | 0,0600     | 0    | 12           | 312           | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 21-12-2018  | 4,8000         | P                 | EUR               | 0,4100 | 0,4300 | 0,4100 | 2           | 0,4300 | 0,6400     | 1    | 50           | 647           | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 21-12-2018  | 4,9000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 15            | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 21-12-2018  | 4,9000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7300     | 1    | 0            | 15            | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 21-12-2018  | 5,0000         | C                 | EUR               | 0,1000 | 0,1000 | 0,0400 | 16          | 0,0400 | 0,0400     | 0    | 78           | 1516          | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 21-12-2018  | 5,0000         | P                 | EUR               | 0,5500 | 0,8000 | 0,5500 | 5           | 0,8000 | 0,8100     | 1    | 49           | 456           | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 21-12-2018  | 5,2000         | C                 | EUR               | 0,0500 | 0,0500 | 0,0500 | 1           | 0,0500 | 0,0300     | 0    | 2            | 51            | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 21-12-2018  | 5,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0100     | 1    | 0            | 278           | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 21-12-2018  | 5,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 11            | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 21-12-2018  | 5,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2000     | 1    | 0            | 11            | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 21-12-2018  | 5,5000         | C                 | EUR               | 0,0300 | 0,0300 | 0,0200 | 3           | 0,0200 | 0,0200     | 0    | 32           | 850           | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 21-12-2018  | 5,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3000     | 1    | 0            | 204           | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 21-12-2018  | 5,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 21-12-2018  | 5,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3900     | 1    | 0            | 1             | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 21-12-2018  | 6,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 3489          | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 21-12-2018  | 6,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7800     | 2    | 0            | 1192          | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 21-12-2018  | 6,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 115           | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 21-12-2018  | 6,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2800     | 2    | 0            | 1             | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 21-12-2018  | 6,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 21-12-2018  | 6,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5800     | 3    | 0            | 0             | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 21-12-2018  | 7,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 21-12-2018  | 7,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7800     | 3    | 0            | 180           | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 21-12-2018  | 8,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 21-12-2018  | 8,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7800     | 4    | 0            | 199           | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 21-12-2018  | 9,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 21-12-2018  | 9,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,7800     | 5    | 0            | 485           | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 18-1-2019   | 3,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5200     | 1    | 0            | 0             | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 18-1-2019   | 3,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     | 0    | 0            | 0             | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 18-1-2019   | 4,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3700     | 0    | 0            | 0             | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 18-1-2019   | 4,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1500     | 0    | 0            | 0             | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 18-1-2019   | 4,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2500     | 0    | 0            | 0             | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 18-1-2019   | 4,2000         | P                 | EUR               | 0,1400 | 0,1400 | 0,1400 | 1           | 0,1400 | 0,2300     | 0    | 10           | 10            | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 18-1-2019   | 4,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1700     | 0    | 0            | 0             | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 18-1-2019   | 4,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3500     | 0    | 0            | 0             | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 18-1-2019   | 4,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1400     | 0    | 0            | 0             | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 18-1-2019   | 4,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4200     | 0    | 0            | 0             | 22-10-2018         |
| O                | BCK                       |  |             |                |                   |                   |        |        |        |             |        |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name                            | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|--|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 18-1-2019   | 6,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 18-1-2019   | 6,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7800     | 2    | 0            | 0             | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 15-3-2019   | 3,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2800     | 1    | 0            | 59            | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 15-3-2019   | 3,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 0            | 0             | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 15-3-2019   | 3,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8100     | 1    | 0            | 250           | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 15-3-2019   | 3,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     | 0    | 0            | 10            | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 15-3-2019   | 4,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4100     | 0    | 0            | 206           | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 15-3-2019   | 4,0000         | P                 | EUR               | 0,2000 | 0,2000 | 0,2000 | 1           | 0,2000 | 0,1900     | 0    | 2            | 79            | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 15-3-2019   | 4,2000         | C                 | EUR               | 0,4200 | 0,4200 | 0,3300 | 4           | 0,3700 | 0,3000     | 0    | 24           | 45            | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 15-3-2019   | 4,2000         | P                 | EUR               | 0,2500 | 0,2500 | 0,2500 | 1           | 0,2500 | 0,2800     | 0    | 20           | 43            | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 15-3-2019   | 4,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2200     | 0    | 0            | 71            | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 15-3-2019   | 4,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4000     | 0    | 0            | 192           | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 15-3-2019   | 4,6000         | C                 | EUR               | 0,3000 | 0,3000 | 0,3000 | 1           | 0,3000 | 0,1700     | 0    | 2            | 67            | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 15-3-2019   | 4,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5500     | 1    | 0            | 1102          | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 15-3-2019   | 4,8000         | C                 | EUR               | 0,2200 | 0,2200 | 0,1800 | 2           | 0,1800 | 0,1400     | 0    | 2            | 220           | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 15-3-2019   | 4,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7200     | 1    | 0            | 1096          | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 15-3-2019   | 5,0000         | C                 | EUR               | 0,1600 | 0,1800 | 0,1400 | 8           | 0,1400 | 0,1000     | 0    | 24           | 6284          | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 15-3-2019   | 5,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8800     | 1    | 0            | 217           | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 15-3-2019   | 5,5000         | C                 | EUR               | 0,0900 | 0,0900 | 0,0600 | 7           | 0,0600 | 0,0500     | 0    | 110          | 615           | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 15-3-2019   | 5,5000         | P                 | EUR               | 1,1000 | 1,1000 | 1,1000 | 1           | 1,1000 | 1,3300     | 1    | 20           | 283           | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 15-3-2019   | 6,0000         | C                 | EUR               | 0,0500 | 0,0500 | 0,0300 | 8           | 0,0300 | 0,0300     | 0    | 54           | 756           | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 15-3-2019   | 6,0000         | P                 | EUR               | 1,5500 | 1,5500 | 1,5500 | 1           | 1,5500 | 1,8100     | 2    | 1            | 555           | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 15-3-2019   | 6,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 32            | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 15-3-2019   | 6,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3000     | 2    | 0            | 0             | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 15-3-2019   | 7,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 1026          | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 15-3-2019   | 7,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7900     | 3    | 0            | 796           | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 15-3-2019   | 8,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 6             | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 15-3-2019   | 8,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,7900     | 4    | 0            | 289           | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 15-3-2019   | 9,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 15-3-2019   | 9,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,7900     | 5    | 0            | 25            | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 21-6-2019   | 3,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2600     | 1    | 0            | 13            | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 21-6-2019   | 3,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     | 0    | 0            | 31            | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 21-6-2019   | 3,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8300     | 1    | 0            | 2             | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 21-6-2019   | 3,5000         | P                 | EUR               | 0,1300 | 0,1500 | 0,1300 | 2           | 0,1500 | 0,1800     | 0    | 5            | 8             | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 21-6-2019   | 4,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4900     | 0    | 0            | 11            | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 21-6-2019   | 4,0000         | P                 | EUR               | 0,2900 | 0,2900 | 0,2900 | 1           | 0,2900 | 0,3800     | 0    | 1            | 28            | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 21-6-2019   | 4,2000         | C                 | EUR               | 0,5500 | 0,5500 | 0,5500 | 1           | 0,5500 | 0,3900     | 0    | 1            | 134           | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 21-6-2019   | 4,2000         | P                 | EUR               | 0,4500 | 0,4500 | 0,4500 | 2           | 0,4500 | 0,4900     | 0    | 23           | 29            | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 21-6-2019   | 4,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3100     | 0    | 0            | 101           | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 21-6-2019   | 4,4000         | P                 | EUR               | 0,4600 | 0,4600 | 0,4600 | 1           | 0,4600 | 0,6200     | 1    | 6            | 153           | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 21-6-2019   | 4,6000         | C                 | EUR               | 0,3200 | 0,3200 | 0,3200 | 3           | 0,3200 | 0,2400     | 0    | 6            | 125           | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 21-6-2019   | 4,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7600     | 1    | 0            | 30            | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 21-6-2019   | 4,8000         | C                 | EUR               | 0,2200 | 0,2200 | 0,2200 | 1           | 0,2200 | 0,1900     | 0    | 1            | 25            | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 21-6-2019   | 4,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9100     | 1    | 0            | 247           | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 21-6-2019   | 5,0000         | C                 | EUR               | 0,2000 | 0,2200 | 0,1500 | 13          | 0,1600 | 0,1600     | 0    | 63           | 317           | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 21-6-2019   | 5,0000         | P                 | EUR               | 1,0000 | 1,0000 | 1,0000 | 1           | 1,0000 | 1,0900     | 1    | 11           | 362           | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 21-6-2019   | 5,5000         | C                 | EUR               | 0,1200 | 0,1300 | 0,1100 | 5           | 0,1100 | 0,0900     | 0    | 104          | 959           | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 21-6-2019   | 5,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5200     | 2    | 0            | 90            | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 21-6-2019   | 6,0000         | C                 | EUR               | 0,0600 | 0,0700 | 0,0600 | 2           | 0,0700 | 0,0600     | 0    | 46           | 344           | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 21-6-2019   | 6,0000         | P                 | EUR               | 1,7500 | 1,7500 | 1,7500 | 2           | 1,7500 | 2,0000     | 2    | 2            | 259           | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 21-6-2019   | 6,5000         | C                 | EUR               | 0,0600 | 0,0600 | 0,0600 | 4           | 0,0600 | 0,0300     | 0    | 100          | 42            | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 21-6-2019   | 6,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4700     | 2    | 0            | 5             | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 21-6-2019   | 7,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 119           | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 21-6-2019   | 7,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9600     | 3    | 0            | 92            | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 21-6-2019   | 8,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 31            | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 21-6-2019   | 8,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9500     | 4    | 0            | 235           | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 21-6-2019   | 9,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 21-6-2019   | 9,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,9500     | 5    | 0            | 49            | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 20-9-2019   | 3,0000         | C                 | EUR               | 1,3000 | 1,3000 | 1,3000 | 1           | 1,3000 | 1,2500     | 1    | 2            | 2             | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 20-9-2019   | 3,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     | 0    | 0            | 0             | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 20-9-2019   | 3,5000         | C                 | EUR               | 0,9000 | 0,9000 | 0,9000 | 1           | 0,9000 | 0,8300     | 1    | 3            | 3             | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 20-9-2019   | 3,5000         | P                 | EUR               | 0,1900 | 0,2100 | 0,1900 | 3           | 0,2100 | 0,2500     | 0    | 11           | 11            | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 20-9-2019   | 4,0000         | C                 | EUR               | 0,7000 | 0,7000 | 0,5500 | 5           | 0,5500 | 0,5400     | 1    | 20           | 20            | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 20-9-2019   | 4,0000         | P                 | EUR               | 0,4000 | 0,4700 | 0,4000 | 8           | 0,4700 | 0,5200     | 1    | 43           | 55            | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 20-9-2019   | 4,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4600     | 0    | 0            | 0             | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 20-9-2019   | 4,2000         | P                 | EUR               | 0,4600 | 0,5000 | 0,4600 | 2           | 0,5000 | 0,6600     | 1    | 3            | 3             | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 20-9-2019   | 4,4000         | C                 | EUR               | 0,4100 | 0,4100 | 0,3500 | 3           | 0,3500 | 0,3900     | 0    | 21           | 27            | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 20-9-2019   | 4,4000         | P                 | EUR               | 0,6000 | 0,6000 | 0,5500 | 16          | 0,6000 | 0,8000     | 1    | 765          | 765           | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 20-9-2019   | 4,5000         | C                 | EUR               | 0,4000 | 0,4000 | 0,3100 | 4           | 0,3100 | 0,3100     | 0    | 21           | 36            | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 20-9-2019   | 4,5000         | P                 | EUR               | 0,6000 | 0,6500 | 0,6000 | 9           | 0,6500 | 0,8200     | 1    | 537          | 623           | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 20-9-2019   | 4,6000         | C                 | EUR               | 0,4000 | 0,4000 | 0,3000 | 4           | 0,3000 | 0,2600     | 0    | 13           | 11            | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 20-9-2019   | 4,6000         | P                 | EUR               | 0,7500 | 0,7500 | 0,7500 | 1           | 0,7500 | 0,8800     | 1    | 2            | 276           | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 20-9-2019   | 4,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2100     | 0    | 0            | 2             | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 20-9-2019   | 4,8000         | P                 | EUR               | 1,0500 | 1,0500 | 1,0500 | 1           | 1,0500 | 1,0400     | 1    | 4            | 111           | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American Style Stock Option | 20-9-2019   | 5,0000         | C                 | EUR               | 0,2900 | 0,2900 | 0,1900 | 4           | 0,1900 | 0,1700     | 0    | 17           | 249           | 22-10-2018         |
| O                | BCK                       | BinckBank N.V. American                    |             |                |                   |                   |        |        |        |             |        |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name                              | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|--|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | BCK                       | BinckBank N.V. American Style Stock Option   | 20-9-2019   | 9,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,0500     |      | 5            | 0             | 100 22-10-2018     |
| F                | BD6                       | Beiersdorf AG - Stock Future                 | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 93,7743    |      | 94           | 0             | 0 22-10-2018       |
| F                | BD6                       | Beiersdorf AG - Stock Future                 | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 93,7383    |      | 94           | 0             | 0 22-10-2018       |
| F                | BD6                       | Beiersdorf AG - Stock Future                 | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 93,7096    |      | 94           | 0             | 0 22-10-2018       |
| F                | BD6                       | Beiersdorf AG - Stock Future                 | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 93,6780    |      | 94           | 0             | 0 22-10-2018       |
| F                | BD6                       | Beiersdorf AG - Stock Future                 | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 92,8954    |      | 93           | 0             | 0 22-10-2018       |
| F                | BD6                       | Beiersdorf AG - Stock Future                 | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 92,8190    |      | 93           | 0             | 0 22-10-2018       |
| O                | BES                       | BE Semiconductor Industries NV - Stnd Option | 16-11-2018  | 13,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,9200     |      | 5            | 0             | 0 22-10-2018       |
| O                | BES                       | BE Semiconductor Industries NV - Stnd Option | 16-11-2018  | 13,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     |      | 0            | 0             | 119 22-10-2018     |
| O                | BES                       | BE Semiconductor Industries NV - Stnd Option | 16-11-2018  | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9600     |      | 4            | 0             | 120 22-10-2018     |
| O                | BES                       | BE Semiconductor Industries NV - Stnd Option | 16-11-2018  | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     |      | 0            | 0             | 249 22-10-2018     |
| O                | BES                       | BE Semiconductor Industries NV - Stnd Option | 16-11-2018  | 15,0000        | C                 | EUR               | 3,1500 | 3,1500 | 3,1500 | 1           | 3,1500 | 3,0500     |      | 3            | 1             | 95 22-10-2018      |
| O                | BES                       | BE Semiconductor Industries NV - Stnd Option | 16-11-2018  | 15,0000        | P                 | EUR               | 0,1700 | 0,1700 | 0,1500 | 4           | 0,1600 | 0,1700     |      | 0            | 13            | 542 22-10-2018     |
| O                | BES                       | BE Semiconductor Industries NV - Stnd Option | 16-11-2018  | 15,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6100     |      | 3            | 0             | 0 22-10-2018       |
| O                | BES                       | BE Semiconductor Industries NV - Stnd Option | 16-11-2018  | 15,5000        | P                 | EUR               | 0,2000 | 0,2200 | 0,1800 | 4           | 0,2200 | 0,2300     |      | 0            | 18            | 50 22-10-2018      |
| O                | BES                       | BE Semiconductor Industries NV - Stnd Option | 16-11-2018  | 16,0000        | C                 | EUR               | 2,2500 | 2,2500 | 2,2500 | 2           | 2,2500 | 2,2000     |      | 2            | 10            | 67 22-10-2018      |
| O                | BES                       | BE Semiconductor Industries NV - Stnd Option | 16-11-2018  | 16,0000        | P                 | EUR               | 0,2900 | 0,3300 | 0,2600 | 8           | 0,3100 | 0,3200     |      | 0            | 35            | 400 22-10-2018     |
| O                | BES                       | BE Semiconductor Industries NV - Stnd Option | 16-11-2018  | 16,5000        | C                 | EUR               | 1,9000 | 1,9500 | 1,9000 | 2           | 1,9500 | 1,8400     |      | 2            | 20            | 81 22-10-2018      |
| O                | BES                       | BE Semiconductor Industries NV - Stnd Option | 16-11-2018  | 16,5000        | P                 | EUR               | 0,4500 | 0,4500 | 0,3300 | 5           | 0,3300 | 0,4600     |      | 0            | 5             | 525 22-10-2018     |
| O                | BES                       | BE Semiconductor Industries NV - Stnd Option | 16-11-2018  | 17,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5000     |      | 2            | 0             | 208 22-10-2018     |
| O                | BES                       | BE Semiconductor Industries NV - Stnd Option | 16-11-2018  | 17,0000        | P                 | EUR               | 0,6000 | 0,6000 | 0,4500 | 10          | 0,5000 | 0,6200     |      | 1            | 136           | 400 22-10-2018     |
| O                | BES                       | BE Semiconductor Industries NV - Stnd Option | 16-11-2018  | 17,5000        | C                 | EUR               | 1,3000 | 1,6000 | 1,3000 | 5           | 1,6000 | 1,2100     |      | 1            | 70            | 527 22-10-2018     |
| O                | BES                       | BE Semiconductor Industries NV - Stnd Option | 16-11-2018  | 17,5000        | P                 | EUR               | 0,7500 | 0,8500 | 0,5500 | 12          | 0,8500 | 0,8300     |      | 1            | 53            | 963 22-10-2018     |
| O                | BES                       | BE Semiconductor Industries NV - Stnd Option | 16-11-2018  | 18,0000        | C                 | EUR               | 0,9500 | 1,2000 | 0,9500 | 17          | 1,0000 | 0,9500     |      | 1            | 51            | 169 22-10-2018     |
| O                | BES                       | BE Semiconductor Industries NV - Stnd Option | 16-11-2018  | 18,0000        | P                 | EUR               | 1,1000 | 1,1000 | 0,7500 | 14          | 1,0500 | 1,0700     |      | 1            | 51            | 751 22-10-2018     |
| O                | BES                       | BE Semiconductor Industries NV - Stnd Option | 16-11-2018  | 18,5000        | C                 | EUR               | 0,8000 | 1,0000 | 0,7500 | 28          | 0,8500 | 0,7400     |      | 1            | 193           | 467 22-10-2018     |
| O                | BES                       | BE Semiconductor Industries NV - Stnd Option | 16-11-2018  | 18,5000        | P                 | EUR               | 1,3000 | 1,3000 | 1,1000 | 2           | 1,1000 | 1,3600     |      | 1            | 7             | 311 22-10-2018     |
| O                | BES                       | BE Semiconductor Industries NV - Stnd Option | 16-11-2018  | 19,0000        | C                 | EUR               | 0,6000 | 0,8000 | 0,6000 | 34          | 0,6000 | 0,5800     |      | 1            | 248           | 1037 22-10-2018    |
| O                | BES                       | BE Semiconductor Industries NV - Stnd Option | 16-11-2018  | 19,0000        | P                 | EUR               | 1,4900 | 1,6000 | 1,3500 | 4           | 1,6000 | 1,7000     |      | 2            | 13            | 296 22-10-2018     |
| O                | BES                       | BE Semiconductor Industries NV - Stnd Option | 16-11-2018  | 19,5000        | C                 | EUR               | 0,5000 | 0,6200 | 0,4500 | 34          | 0,4800 | 0,4500     |      | 0            | 132           | 289 22-10-2018     |
| O                | BES                       | BE Semiconductor Industries NV - Stnd Option | 16-11-2018  | 19,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0700     |      | 2            | 0             | 132 22-10-2018     |
| O                | BES                       | BE Semiconductor Industries NV - Stnd Option | 16-11-2018  | 20,0000        | C                 | EUR               | 0,3800 | 0,4800 | 0,3500 | 29          | 0,4000 | 0,3500     |      | 0            | 115           | 464 22-10-2018     |
| O                | BES                       | BE Semiconductor Industries NV - Stnd Option | 16-11-2018  | 20,0000        | P                 | EUR               | 2,0500 | 2,4500 | 2,0500 | 2           | 2,4500 | 2,4700     |      | 2            | 4             | 448 22-10-2018     |
| O                | BES                       | BE Semiconductor Industries NV - Stnd Option | 16-11-2018  | 21,0000        | C                 | EUR               | 0,2400 | 0,2800 | 0,2300 | 10          | 0,2300 | 0,2000     |      | 0            | 75            | 440 22-10-2018     |
| O                | BES                       | BE Semiconductor Industries NV - Stnd Option | 16-11-2018  | 21,0000        | P                 | EUR               | 3,2500 | 3,2500 | 3,2500 | 1           | 3,2500 | 3,3300     |      | 3            | 2             | 245 22-10-2018     |
| O                | BES                       | BE Semiconductor Industries NV - Stnd Option | 16-11-2018  | 22,0000        | C                 | EUR               | 0,1600 | 0,1800 | 0,1500 | 5           | 0,1700 | 0,1300     |      | 0            | 8             | 428 22-10-2018     |
| O                | BES                       | BE Semiconductor Industries NV - Stnd Option | 16-11-2018  | 22,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,2500     |      | 4            | 0             | 86 22-10-2018      |
| O                | BES                       | BE Semiconductor Industries NV - Stnd Option | 16-11-2018  | 23,0000        | C                 | EUR               | 0,1100 | 0,1100 | 0,1100 | 3           | 0,1100 | 0,0900     |      | 0            | 30            | 84 22-10-2018      |
| O                | BES                       | BE Semiconductor Industries NV - Stnd Option | 16-11-2018  | 23,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,2100     |      | 5            | 0             | 54 22-10-2018      |
| O                | BES                       | BE Semiconductor Industries NV - Stnd Option | 21-12-2018  | 10,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,9000     |      | 8            | 0             | 30 22-10-2018      |
| O                | BES                       | BE Semiconductor Industries NV - Stnd Option | 21-12-2018  | 10,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 8             | 22-10-2018         |
| O                | BES                       | BE Semiconductor Industries NV - Stnd Option | 21-12-2018  | 12,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,9400     |      | 6            | 0             | 6 22-10-2018       |
| O                | BES                       | BE Semiconductor Industries NV - Stnd Option | 21-12-2018  | 12,0000        | P                 | EUR               | 0,0600 | 0,0600 | 0,0600 | 1           | 0,0600 | 0,0600     |      | 0            | 1             | 156 22-10-2018     |
| O                | BES                       | BE Semiconductor Industries NV - Stnd Option | 21-12-2018  | 13,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,0000     |      | 5            | 0             | 0 22-10-2018       |
| O                | BES                       | BE Semiconductor Industries NV - Stnd Option | 21-12-2018  | 13,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     |      | 0            | 0             | 5 22-10-2018       |
| O                | BES                       | BE Semiconductor Industries NV - Stnd Option | 21-12-2018  | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,0800     |      | 4            | 0             | 124 22-10-2018     |
| O                | BES                       | BE Semiconductor Industries NV - Stnd Option | 21-12-2018  | 14,0000        | P                 | EUR               | 0,2000 | 0,2000 | 0,2000 | 2           | 0,2000 | 0,2000     |      | 0            | 7             | 266 22-10-2018     |
| O                | BES                       | BE Semiconductor Industries NV - Stnd Option | 21-12-2018  | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2300     |      | 3            | 0             | 56 22-10-2018      |
| O                | BES                       | BE Semiconductor Industries NV - Stnd Option | 21-12-2018  | 15,0000        | P                 | EUR               | 0,3600 | 0,3600 | 0,3100 | 3           | 0,3300 | 0,3500     |      | 0            | 24            | 177 22-10-2018     |
| O                | BES                       | BE Semiconductor Industries NV - Stnd Option | 21-12-2018  | 15,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8300     |      | 3            | 0             | 10 22-10-2018      |
| O                | BES                       | BE Semiconductor Industries NV - Stnd Option | 21-12-2018  | 15,5000        | P                 | EUR               | 0,4500 | 0,4500 | 0,4500 | 2           | 0,4500 | 0,4500     |      | 0            | 17            | 35 22-10-2018      |
| O                | BES                       | BE Semiconductor Industries NV - Stnd Option | 21-12-2018  | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4700     |      | 2            | 0             | 490 22-10-2018     |
| O                | BES                       | BE Semiconductor Industries NV - Stnd Option | 21-12-2018  | 16,0000        | P                 | EUR               | 0,5500 | 0,5500 | 0,5000 | 4           | 0,5000 | 0,5900     |      | 1            | 23            | 1078 22-10-2018    |
| O                | BES                       | BE Semiconductor Industries NV - Stnd Option | 21-12-2018  | 16,5000        | C                 | EUR               | 2,2500 | 2,5500 | 2,2500 | 2           | 2,5500 | 2,1200     |      | 2            | 3             | 63 22-10-2018      |
| O                | BES                       | BE Semiconductor Industries NV - Stnd Option | 21-12-2018  | 16,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7400     |      | 1            | 0             | 27 22-10-2018      |
| O                | BES                       | BE Semiconductor Industries NV - Stnd Option | 21-12-2018  | 17,0000        | C                 | EUR               | 2,0500 | 2,1000 | 2,0500 | 2           | 2,1000 | 1,8000     |      | 2            | 3             | 208 22-10-2018     |
| O                | BES                       | BE Semiconductor Industries NV - Stnd Option | 21-12-2018  | 17,0000        | P                 | EUR               | 0,9000 | 0,9000 | 0,7500 | 8           | 0,9000 | 0,9200     |      | 1            | 24            | 565 22-10-2018     |
| O                | BES                       | BE Semiconductor Industries NV - Stnd Option | 21-12-2018  | 17,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5400     |      | 2            | 0             | 288 22-10-2018     |
| O                | BES                       | BE Semiconductor Industries NV - Stnd Option | 21-12-2018  | 17,5000        | P                 | EUR               | 1,0500 | 1,1500 | 1,0500 | 5           | 1,1000 | 1,1600     |      | 1            | 16            | 95 22-10-2018      |
| O                | BES                       | BE Semiconductor Industries NV - Stnd Option | 21-12-2018  | 18,0000        | C                 | EUR               | 1,3500 | 1,6500 | 1,3500 | 11          | 1,3500 | 1,3000     |      | 1            | 17            | 905 22-10-2018     |
| O                | BES                       | BE Semiconductor Industries NV - Stnd Option | 21-12-2018  | 18,0000        | P                 | EUR               | 1,3400 | 1,3600 | 1,3000 | 3           | 1,3000 | 1,4200     |      | 1            | 15            | 1874 22-10-2018    |
| O                | BES                       | BE Semiconductor Industries NV - Stnd Option | 21-12-2018  | 18,5000        | C                 | EUR               | 1,2500 | 1,4000 | 1,1000 | 17          | 1,2000 | 1,0900     |      | 1            | 145           | 44 22-10-2018      |
| O                | BES                       | BE Semiconductor Industries NV - Stnd Option | 21-12-2018  | 18,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7100     |      | 2            | 0             | 90 22-10-2018      |
| O                | BES                       | BE Semiconductor Industries NV - Stnd Option | 21-12-2018  | 19,0000        | C                 | EUR               | 1,0000 | 1,1200 | 0,9500 | 7           | 1,1000 | 0,9100     |      | 1            | 41            | 533 22-10-2018     |
| O                | BES                       | BE Semiconductor Industries NV - Stnd Option | 21-12-2018  | 19,0000        | P                 | EUR               | 1,9000 | 1,9200 | 1,8500 | 9           | 1,8500 | 2,0300     |      | 2            | 58            | 676 22-10-2018     |
| O                | BES                       | BE Semiconductor Industries NV - Stnd Option | 21-12-2018  | 19,5000        | C                 | EUR               | 0,7700 | 0,9000 | 0,7700 | 4           | 0,9000 | 0,7500     |      | 1            | 5             | 148 22-10-2018     |
| O                | BES                       | BE Semiconductor Industries NV - Stnd Option | 21-12-2018  | 19,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3700     |      | 2            | 0             | 47 22-10-2018      |
| O                | BES                       | BE Semiconductor Industries NV - Stnd Option | 21-12-2018  | 20,0000        | C                 | EUR               | 0,7000 | 0,8000 | 0,6500 | 11          | 0,6500 | 0,6300     |      | 1            | 76            | 1467 22-10-2018    |
| O                | BES                       | BE Semiconductor Industries NV - Stnd Option | 21-12-2018  | 20,0000        | P                 | EUR               | 2,6000 | 2,6000 | 2,6000 | 1           | 2,6000 | 2,7600     |      | 3            | 3             | 986 22-10-2018     |
| O                | BES                       | BE Semiconductor Industries NV - Stnd Option | 21-12-2018  | 21,0000        | C                 | EUR               | 0,4500 | 0,5500 | 0,4500 | 10          | 0,4700 | 0,4400     |      | 0            | 36            | 998 22-10-2018     |
| O                | BES                       | BE Semiconductor Industries NV - Stnd Option | 21-12-2018  | 21,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5600     |      | 4            | 0             | 465 22-10-2018     |
| O                | BES                       | BE Semiconductor Industries NV - Stnd Option | 21-12-2018  | 22,0000        | C                 | EUR               | 0,3300 | 0,3300 | 0,3300 | 1           | 0,3300 | 0,3100     |      | 0            | 1             | 653 22-10-2018     |
| O                | BES                       | BE Semiconductor Industries NV - Stnd Option | 21-12-2018  | 22,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,4400     |      | 4            | 0             | 495 22-10-2018     |
| O                | BES                       | BE Semiconductor Industries NV - Stnd Option | 21-12-2018  | 22,5000        | C                 | EUR               | 0,3500 | 0,3500 | 0,3500 | 1           | 0,3500 | 0,2600     |      | 0            | 1             | 319 22-10-2018     |
| O                | BES                       | BE Semiconductor Industries NV - Stnd Option | 21-12-2018  | 22,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,8900     |      | 5            | 0             | 390                |



| Instrument Type* | Instrument Trading Symbol | Instrument Name                               | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open    | High    | Low     | Trade Count | Close   | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|---|-------------|----------------|-------------------|-------------------|---------|---------|---------|-------------|---------|------------|------|--------------|---------------|--------------------|
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 27,5000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0800     | 0    | 0            | 961           | 22-10-2018         |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 27,5000        | P                 | EUR               | 9,6500  | 9,6500  | 9,2900  | 5           | 9,6000  | 9,7000     | 10   | 132          | 565           | 22-10-2018         |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 28,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0700     | 0    | 0            | 202           | 22-10-2018         |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 28,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,2000    | 10   | 0            | 340           | 22-10-2018         |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 29,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0500     | 0    | 0            | 368           | 22-10-2018         |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 29,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 11,1800    | 11   | 0            | 295           | 22-10-2018         |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 30,0000        | C                 | EUR               | 0,0600  | 0,0600  | 0,0600  | 1           | 0,0600  | 0,0500     | 0    | 1            | 1818          | 22-10-2018         |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 30,0000        | P                 | EUR               | 11,9800 | 12,1000 | 11,6000 | 5           | 12,1000 | 12,1800    | 12   | 121          | 1574          | 22-10-2018         |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 31,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0400     | 0    | 0            | 135           | 22-10-2018         |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 31,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 13,1700    | 13   | 0            | 636           | 22-10-2018         |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 32,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0300     | 0    | 0            | 128           | 22-10-2018         |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 32,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 14,1500    | 14   | 0            | 191           | 22-10-2018         |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 32,5000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0300     | 0    | 0            | 1480          | 22-10-2018         |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 32,5000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 14,6600    | 15   | 0            | 337           | 22-10-2018         |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 33,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0300     | 0    | 0            | 143           | 22-10-2018         |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 33,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 15,1600    | 15   | 0            | 10            | 22-10-2018         |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 34,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0200     | 0    | 0            | 176           | 22-10-2018         |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 34,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 16,1500    | 16   | 0            | 207           | 22-10-2018         |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 35,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0200     | 0    | 0            | 1785          | 22-10-2018         |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 35,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 17,1500    | 17   | 0            | 1269          | 22-10-2018         |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 36,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 98            | 22-10-2018         |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 36,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 18,1500    | 18   | 0            | 59            | 22-10-2018         |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 37,5000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 755           | 22-10-2018         |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 37,5000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 19,6400    | 20   | 0            | 279           | 22-10-2018         |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 40,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 737           | 22-10-2018         |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 40,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 22,1400    | 22   | 0            | 639           | 22-10-2018         |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 42,5000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 590           | 22-10-2018         |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 42,5000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 24,6400    | 25   | 0            | 520           | 22-10-2018         |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 45,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 325           | 22-10-2018         |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 45,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 27,1400    | 27   | 0            | 90            | 22-10-2018         |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 47,5000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 516           | 22-10-2018         |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 47,5000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 29,6400    | 30   | 0            | 0             | 22-10-2018         |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 50,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 661           | 22-10-2018         |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 50,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 32,1400    | 32   | 0            | 143           | 22-10-2018         |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 55,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 94            | 22-10-2018         |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 55,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 37,1500    | 37   | 0            | 0             | 22-10-2018         |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 60,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 253           | 22-10-2018         |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 60,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 42,1500    | 42   | 0            | 115           | 22-10-2018         |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 70,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 75            | 22-10-2018         |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-12-2018  | 70,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 52,1600    | 52   | 0            | 1162          | 22-10-2018         |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 18-1-2019   | 15,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,3400     | 3    | 0            | 0             | 22-10-2018         |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 18-1-2019   | 15,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,4600     | 0    | 0            | 0             | 22-10-2018         |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 18-1-2019   | 16,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,5900     | 3    | 0            | 0             | 22-10-2018         |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 18-1-2019   | 16,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,7200     | 1    | 0            | 0             | 22-10-2018         |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 18-1-2019   | 17,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,9500     | 2    | 0            | 0             | 22-10-2018         |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 18-1-2019   | 17,0000        | P                 | EUR               | 1,0000  | 1,0000  | 0,9500  | 2           | 0,9500  | 1,0700     | 1    | 2            | 1             | 22-10-2018         |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 18-1-2019   | 17,5000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,7000     | 2    | 0            | 0             | 22-10-2018         |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 18-1-2019   | 17,5000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,3200     | 1    | 0            | 0             | 22-10-2018         |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 18-1-2019   | 18,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,4700     | 1    | 0            | 0             | 22-10-2018         |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 18-1-2019   | 18,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,5900     | 2    | 0            | 0             | 22-10-2018         |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 18-1-2019   | 18,5000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,2700     | 1    | 0            | 0             | 22-10-2018         |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 18-1-2019   | 18,5000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,8900     | 2    | 0            | 0             | 22-10-2018         |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 18-1-2019   | 19,0000        | C                 | EUR               | 1,1500  | 1,2000  | 1,1500  | 2           | 1,2000  | 1,0800     | 1    | 9            | 8             | 22-10-2018         |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 18-1-2019   | 19,0000        | P                 | EUR               | 2,1000  | 2,1000  | 2,1000  | 1           | 2,1000  | 2,2000     | 2    | 3            | 3             | 22-10-2018         |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 18-1-2019   | 20,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,7800     | 1    | 0            | 0             | 22-10-2018         |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 18-1-2019   | 20,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,9000     | 3    | 0            | 0             | 22-10-2018         |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 18-1-2019   | 21,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,5800     | 1    | 0            | 0             | 22-10-2018         |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 18-1-2019   | 21,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,7100     | 4    | 0            | 0             | 22-10-2018         |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 15-3-2019   | 10,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,9700     | 8    | 0            | 65            | 22-10-2018         |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 15-3-2019   | 10,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0800     | 0    | 0            | 29            | 22-10-2018         |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 15-3-2019   | 12,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,0900     | 6    | 0            | 193           | 22-10-2018         |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 15-3-2019   | 12,0000        | P                 | EUR               | 0,1800  | 0,1800  | 0,1800  | 1           | 0,1800  | 0,2000     | 0    | 1            | 142           | 22-10-2018         |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 15-3-2019   | 14,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,4100     | 0    | 0            | 405           | 22-10-2018         |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 15-3-2019   | 14,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,5200     | 1    | 0            | 2372          | 22-10-2018         |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 15-3-2019   | 15,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,6200     | 4    | 0            | 2             | 22-10-2018         |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 15-3-2019   | 15,0000        | P                 | EUR               | 0,7000  | 0,7500  | 0,7000  | 8           | 0,7500  | 0,7400     | 1    | 170          | 215           | 22-10-2018         |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 15-3-2019   | 16,0000        | C                 | EUR               | 3,0000  | 3,3000  | 3,0000  | 2           | 3,3000  | 2,9500     | 3    | 11           | 1277          | 22-10-2018         |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 15-3-2019   | 16,0000        | P                 | EUR               | 1,0200  | 1,1000  | 0,9500  | 13          | 1,1000  | 1,0700     | 1    | 157          | 2119          | 22-10-2018         |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 15-3-2019   | 17,0000        | C                 | EUR               | 2,5500  | 2,7500  | 2,5000  | 5           | 2,7500  | 2,3600     | 2    | 34           | 757           | 22-10-2018         |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 15-3-2019   | 17,0000        | P                 | EUR               | 1,3700  | 1,4500  | 1,3200  | 8           | 1,4500  | 1,4700     | 1    | 56           | 280           | 22-10-2018         |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 15-3-2019   | 18,0000        | C                 | EUR               | 2,0000  | 2,0000  | 1,9000  | 4           | 1,9500  | 1,8700     | 2    | 39           | 2358          | 22-10-2018         |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 15-3-2019   | 18,0000        | P                 | EUR               | 1,9000  | 1,9500  | 1,9000  | 3           | 1,9500  | 1,9900     | 2    | 21           | 1134          | 22-10-2018         |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 15-3-2019   | 19,0000        | C                 | EUR               | 1,5500  | 1,6500  | 1,5500  | 2           | 1,6500  | 1,4700     | 1    | 2            | 1563          | 22-10-2018         |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 15-3-2019   | 19,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,5900     | 3    | 0            | 803           | 22-10-2018         |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 15-3-2019   | 20,0000        | C                 | EUR               | 1,2500  | 1,3500  | 1,2000  | 7           | 1,2000  | 1,1500     | 1    | 30           | 2190          | 22-10-2018         |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 15          |                |                   |                   |         |         |         |             |         |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name                               | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open    | High    | Low     | Trade Count | Close   | Settlement | EDSP | Total Volume | Open Interest | Open Date       |
|------------------|---------------------------|---|-------------|----------------|-------------------|-------------------|---------|---------|---------|-------------|---------|------------|------|--------------|---------------|-----------------|
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 15-3-2019   | 25,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,5100     |      | 8            | 0             | 2006 22-10-2018 |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 15-3-2019   | 26,0000        | C                 | EUR               | 0,3200  | 0,3200  | 0,3200  | 1           | 0,3200  | 0,3200     |      | 0            | 1             | 270 22-10-2018  |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 15-3-2019   | 26,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,4500     |      | 8            | 0             | 348 22-10-2018  |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 15-3-2019   | 27,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2700     |      | 0            | 0             | 163 22-10-2018  |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 15-3-2019   | 27,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 9,4000     |      | 9            | 0             | 797 22-10-2018  |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 15-3-2019   | 28,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2400     |      | 0            | 0             | 2026 22-10-2018 |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 15-3-2019   | 28,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,3700    |      | 10           | 0             | 450 22-10-2018  |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 15-3-2019   | 29,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2000     |      | 0            | 0             | 222 22-10-2018  |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 15-3-2019   | 29,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 11,3400    |      | 11           | 0             | 155 22-10-2018  |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 15-3-2019   | 30,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1800     |      | 0            | 0             | 1433 22-10-2018 |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 15-3-2019   | 30,0000        | P                 | EUR               | 12,3000 | 12,3000 | 12,3000 | 1           | 12,3000 | 12,3200    |      | 12           | 5             | 736 22-10-2018  |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 15-3-2019   | 35,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1100     |      | 0            | 0             | 640 22-10-2018  |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 15-3-2019   | 35,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 17,2500    |      | 17           | 0             | 298 22-10-2018  |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 15-3-2019   | 40,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0800     |      | 0            | 0             | 787 22-10-2018  |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 15-3-2019   | 40,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 22,2300    |      | 22           | 0             | 92 22-10-2018   |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 15-3-2019   | 45,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0700     |      | 0            | 0             | 75 22-10-2018   |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 15-3-2019   | 45,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 27,2300    |      | 27           | 0             | 54 22-10-2018   |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-6-2019   | 10,0000        | C                 | EUR               | 8,2500  | 8,2500  | 8,2500  | 1           | 8,2500  | 7,9600     |      | 8            | 1             | 4 22-10-2018    |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-6-2019   | 10,0000        | P                 | EUR               | 0,2900  | 0,3000  | 0,2500  | 3           | 0,2500  | 0,2600     |      | 0            | 10            | 18 22-10-2018   |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-6-2019   | 12,0000        | C                 | EUR               | 6,2500  | 6,2500  | 6,2500  | 1           | 6,2500  | 6,1200     |      | 6            | 1             | 19 22-10-2018   |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-6-2019   | 12,0000        | P                 | EUR               | 0,6500  | 0,6500  | 0,6500  | 1           | 0,6500  | 0,6100     |      | 1            | 10            | 549 22-10-2018  |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-6-2019   | 14,0000        | C                 | EUR               | 4,7000  | 4,8000  | 4,7000  | 2           | 4,8000  | 4,4700     |      | 4            | 2             | 75 22-10-2018   |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-6-2019   | 14,0000        | P                 | EUR               | 1,2000  | 1,2000  | 1,0800  | 6           | 1,2000  | 1,1900     |      | 1            | 9             | 418 22-10-2018  |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-6-2019   | 15,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,7600     |      | 4            | 0             | 6 22-10-2018    |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-6-2019   | 15,0000        | P                 | EUR               | 1,5500  | 1,5500  | 1,5500  | 1           | 1,5500  | 1,5900     |      | 2            | 1             | 31 22-10-2018   |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-6-2019   | 16,0000        | C                 | EUR               | 3,4500  | 3,6500  | 3,4500  | 2           | 3,6500  | 3,2100     |      | 3            | 1             | 143 22-10-2018  |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-6-2019   | 16,0000        | P                 | EUR               | 2,0000  | 2,0000  | 2,0000  | 3           | 2,0000  | 2,1700     |      | 2            | 3             | 386 22-10-2018  |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-6-2019   | 17,0000        | C                 | EUR               | 2,8000  | 3,0000  | 2,7700  | 4           | 2,7700  | 2,6400     |      | 3            | 18            | 143 22-10-2018  |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-6-2019   | 17,0000        | P                 | EUR               | 2,4500  | 2,5500  | 2,4500  | 3           | 2,5500  | 2,6900     |      | 3            | 18            | 164 22-10-2018  |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-6-2019   | 18,0000        | C                 | EUR               | 2,3500  | 2,5500  | 2,2500  | 4           | 2,4500  | 2,1900     |      | 2            | 16            | 386 22-10-2018  |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-6-2019   | 18,0000        | P                 | EUR               | 3,1000  | 3,1000  | 2,9500  | 3           | 2,9500  | 3,3300     |      | 3            | 3             | 357 22-10-2018  |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-6-2019   | 19,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,8000     |      | 2            | 0             | 140 22-10-2018  |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-6-2019   | 19,0000        | P                 | EUR               | 3,7000  | 3,7000  | 3,7000  | 2           | 3,7000  | 4,0200     |      | 4            | 12            | 238 22-10-2018  |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-6-2019   | 20,0000        | C                 | EUR               | 1,6000  | 1,6500  | 1,5000  | 8           | 1,6500  | 1,5000     |      | 2            | 134           | 584 22-10-2018  |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-6-2019   | 20,0000        | P                 | EUR               | 4,3000  | 4,3000  | 4,3000  | 1           | 4,3000  | 4,7800     |      | 5            | 2             | 210 22-10-2018  |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-6-2019   | 21,0000        | C                 | EUR               | 1,4000  | 1,4000  | 1,4000  | 1           | 1,4000  | 1,2300     |      | 1            | 1             | 18 22-10-2018   |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-6-2019   | 21,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,5500     |      | 6            | 0             | 3 22-10-2018    |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-6-2019   | 22,0000        | C                 | EUR               | 1,0500  | 1,1500  | 1,0500  | 2           | 1,1500  | 1,0300     |      | 1            | 2             | 361 22-10-2018  |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-6-2019   | 22,0000        | P                 | EUR               | 6,2000  | 6,2000  | 6,2000  | 2           | 6,2000  | 6,4000     |      | 6            | 100           | 232 22-10-2018  |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-6-2019   | 24,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,7400     |      | 1            | 0             | 104 22-10-2018  |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-6-2019   | 24,0000        | P                 | EUR               | 7,9500  | 8,0000  | 7,9500  | 4           | 7,9500  | 8,1500     |      | 8            | 117           | 744 22-10-2018  |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-6-2019   | 26,0000        | C                 | EUR               | 0,5500  | 0,6000  | 0,5500  | 2           | 0,6000  | 0,5400     |      | 1            | 6             | 51 22-10-2018   |
| O                | BES                       | BE Semiconductor Industries NV - Strnd Option | 21-6-2019   | 26,0000        | P                 | EUR               | 9,6800  | 9,8200  | 9,5900  | 4           | 9,5900  | 9,9900     |      | 10           | 45            | 321 22-10-2018  |
| F                | BF6                       | BASF SE - Stock Future                        | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 67,4715    |      | 67           | 0             | 0 22-10-2018    |
| F                | BF6                       | BASF SE - Stock Future                        | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 67,4456    |      | 67           | 0             | 0 22-10-2018    |
| F                | BF6                       | BASF SE - Stock Future                        | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 67,4250    |      | 67           | 0             | 0 22-10-2018    |
| F                | BF6                       | BASF SE - Stock Future                        | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 67,4022    |      | 67           | 0             | 0 22-10-2018    |
| F                | BF6                       | BASF SE - Stock Future                        | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 64,8436    |      | 65           | 0             | 0 22-10-2018    |
| F                | BF6                       | BASF SE - Stock Future                        | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 64,7902    |      | 65           | 0             | 0 22-10-2018    |
| F                | BF8                       | BASF - Dividend Future                        | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,1000     |      | 3            | 0             | 6 22-10-2018    |
| F                | BF8                       | BASF - Dividend Future                        | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,2500     |      | 3            | 0             | 3 22-10-2018    |
| F                | BF8                       | BASF - Dividend Future                        | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,3500     |      | 3            | 0             | 0 22-10-2018    |
| F                | BF8                       | BASF - Dividend Future                        | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,4000     |      | 3            | 0             | 0 22-10-2018    |
| F                | BF8                       | BASF - Dividend Future                        | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,4000     |      | 3            | 0             | 0 22-10-2018    |
| O                | BFQ                       | BASF - Stock Option                           | 16-11-2018  | 60,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,7500     |      | 8            | 0             | 0 22-10-2018    |
| O                | BFQ                       | BASF - Stock Option                           | 16-11-2018  | 60,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2700     |      | 0            | 0             | 0 22-10-2018    |
| O                | BFQ                       | BASF - Stock Option                           | 16-11-2018  | 62,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,9300     |      | 6            | 0             | 0 22-10-2018    |
| O                | BFQ                       | BASF - Stock Option                           | 16-11-2018  | 62,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,4600     |      | 0            | 0             | 0 22-10-2018    |
| O                | BFQ                       | BASF - Stock Option                           | 16-11-2018  | 64,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,2100     |      | 4            | 0             | 0 22-10-2018    |
| O                | BFQ                       | BASF - Stock Option                           | 16-11-2018  | 64,0000        | P                 | EUR               | 0,6700  | 0,6700  | 0,6700  | 1           | 0,6700  | 0,7400     |      | 1            | 1             | 1 22-10-2018    |
| O                | BFQ                       | BASF - Stock Option                           | 16-11-2018  | 66,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,7100     |      | 3            | 0             | 0 22-10-2018    |
| O                | BFQ                       | BASF - Stock Option                           | 16-11-2018  | 66,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,2400     |      | 1            | 0             | 0 22-10-2018    |
| O                | BFQ                       | BASF - Stock Option                           | 16-11-2018  | 67,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,1000     |      | 2            | 0             | 0 22-10-2018    |
| O                | BFQ                       | BASF - Stock Option                           | 16-11-2018  | 67,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,6300     |      | 2            | 0             | 0 22-10-2018    |
| O                | BFQ                       | BASF - Stock Option                           | 16-11-2018  | 68,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,5800     |      | 2            | 0             | 3 22-10-2018    |
| O                | BFQ                       | BASF - Stock Option                           | 16-11-2018  | 68,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,1100     |      | 2            | 0             | 4 22-10-2018    |
| O                | BFQ                       | BASF - Stock Option                           | 16-11-2018  | 69,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,1100     |      | 1            | 0             | 0 22-10-2018    |
| O                | BFQ                       | BASF - Stock Option                           | 16-11-2018  | 69,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,6400     |      | 3            | 0             | 0 22-10-2018    |
| O                | BFQ                       | BASF - Stock Option                           | 16-11-2018  | 70,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,8100     |      | 1            | 0             | 0 22-10-2018    |
| O                | BFQ                       | BASF - Stock Option                           | 16-11-2018  | 70,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,3400     |      | 3            | 0             | 3 22-10-2018    |
| O                | BFQ                       | BASF - Stock Option                           | 16-11-2018  | 71,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,5300     |      | 1            | 0             | 0 22-10-2018    |
| O                | BFQ                       | BASF - Stock Option                           | 16-11-2018  | 71,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,0600     |      | 4            | 0             | 0 22-10-2018    |
| O                | BFQ                       | BASF - Stock Option                           | 16-11-2018  | 72,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3600     |      | 0            | 0             | 0 22-10-2018    |
| O                | BFQ                       | BASF - Stock Option                           | 16-11-2018  | 72,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,8900     |      | 5            | 0             | 52 22-10-2018   |
| O                | BFQ                       | BASF - Stock Option                           | 16-11-2018  | 73,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2300     |      | 0            | 0             | 0 22-10-2018    |
| O                | BFQ                       | BASF - Stock Option                           | 16-11-2018  | 73,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,7600     |      | 6            | 0             | 0 22-10-2018    |
| O                | BFQ                       | BASF - Stock Option                           | 16-11-2018  |                |                   |                   |         |         |         |             |         |            |      |              |               |                 |



Euronext Amsterdam N.V. – Beursplein 5, Amsterdam – Tel: +31 (0) 20 721 4444



Euronext Amsterdam N.V. – Beursplein 5, Amsterdam – Tel: +31 (0) 20 721 4444



Euronext Amsterdam N.V. – Beursplein 5, Amsterdam – Tel: +31 (0) 20 721 4444



Euronext Amsterdam N.V. – Beursplein 5, Amsterdam – Tel: +31 (0) 20 721 4444



| Instrument Type* | Instrument Trading Symbol | Instrument Name                     | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |            |
|------------------|---------------------------|-------------------------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|------------|
| O                | BFQ                       | BASF - Stock Option                 | 18-12-2020  | 100,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 38,5800    |      | 39           | 0             | 22-10-2018         |            |
| O                | BFQ                       | BASF - Stock Option                 | 18-12-2020  | 110,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2700     |      | 0            | 0             | 22-10-2018         |            |
| O                | BFQ                       | BASF - Stock Option                 | 18-12-2020  | 110,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 48,3500    |      | 48           | 0             | 22-10-2018         |            |
| O                | BFQ                       | BASF - Stock Option                 | 18-12-2020  | 120,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     |      | 0            | 0             | 22-10-2018         |            |
| O                | BFQ                       | BASF - Stock Option                 | 18-12-2020  | 120,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 58,2500    |      | 58           | 0             | 22-10-2018         |            |
| O                | BFQ                       | BASF - Stock Option                 | 18-12-2020  | 140,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     |      | 0            | 0             | 22-10-2018         |            |
| O                | BFQ                       | BASF - Stock Option                 | 18-12-2020  | 140,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 78,2300    |      | 78           | 0             | 22-10-2018         |            |
| O                | BFQ                       | BASF - Stock Option                 | 18-12-2020  | 150,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 22-10-2018         |            |
| O                | BFQ                       | BASF - Stock Option                 | 18-12-2020  | 150,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 88,2500    |      | 88           | 0             | 22-10-2018         |            |
| O                | BFQ                       | BASF - Stock Option                 | 18-6-2021   | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,7900    |      | 18           | 0             | 22-10-2018         |            |
| O                | BFQ                       | BASF - Stock Option                 | 18-6-2021   | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,4000     |      | 4            | 0             | 22-10-2018         |            |
| O                | BFQ                       | BASF - Stock Option                 | 18-6-2021   | 55,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,4800    |      | 13           | 0             | 22-10-2018         |            |
| O                | BFQ                       | BASF - Stock Option                 | 18-6-2021   | 55,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,3100     |      | 6            | 0             | 22-10-2018         |            |
| O                | BFQ                       | BASF - Stock Option                 | 18-6-2021   | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,7400     |      | 10           | 0             | 22-10-2018         |            |
| O                | BFQ                       | BASF - Stock Option                 | 18-6-2021   | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,6200     |      | 9            | 0             | 22-10-2018         |            |
| O                | BFQ                       | BASF - Stock Option                 | 18-6-2021   | 65,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,7600     |      | 7            | 0             | 22-10-2018         |            |
| O                | BFQ                       | BASF - Stock Option                 | 18-6-2021   | 65,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,4800    |      | 11           | 0             | 22-10-2018         |            |
| O                | BFQ                       | BASF - Stock Option                 | 18-6-2021   | 70,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,6300     |      | 5            | 0             | 22-10-2018         |            |
| O                | BFQ                       | BASF - Stock Option                 | 18-6-2021   | 70,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,9000    |      | 15           | 0             | 22-10-2018         |            |
| O                | BFQ                       | BASF - Stock Option                 | 18-6-2021   | 75,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1700     |      | 3            | 0             | 22-10-2018         |            |
| O                | BFQ                       | BASF - Stock Option                 | 18-6-2021   | 75,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,8000    |      | 19           | 0             | 22-10-2018         |            |
| O                | BFQ                       | BASF - Stock Option                 | 18-6-2021   | 80,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1900     |      | 2            | 0             | 22-10-2018         |            |
| O                | BFQ                       | BASF - Stock Option                 | 18-6-2021   | 80,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 23,0600    |      | 23           | 0             | 22-10-2018         |            |
| O                | BFQ                       | BASF - Stock Option                 | 18-6-2021   | 85,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5500     |      | 2            | 0             | 22-10-2018         |            |
| O                | BFQ                       | BASF - Stock Option                 | 18-6-2021   | 85,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 27,5700    |      | 28           | 0             | 22-10-2018         |            |
| O                | BFQ                       | BASF - Stock Option                 | 18-6-2021   | 90,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1400     |      | 1            | 0             | 22-10-2018         |            |
| O                | BFQ                       | BASF - Stock Option                 | 18-6-2021   | 90,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 32,2400    |      | 32           | 0             | 22-10-2018         |            |
| O                | BFQ                       | BASF - Stock Option                 | 18-6-2021   | 95,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8800     |      | 1            | 0             | 22-10-2018         |            |
| O                | BFQ                       | BASF - Stock Option                 | 18-6-2021   | 95,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 37,0600    |      | 37           | 0             | 22-10-2018         |            |
| O                | BFQ                       | BASF - Stock Option                 | 18-6-2021   | 100,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6600     |      | 1            | 0             | 22-10-2018         |            |
| O                | BFQ                       | BASF - Stock Option                 | 18-6-2021   | 100,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 41,9000    |      | 42           | 0             | 22-10-2018         |            |
| O                | BFQ                       | BASF - Stock Option                 | 18-6-2021   | 110,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3500     |      | 0            | 0             | 22-10-2018         |            |
| O                | BFQ                       | BASF - Stock Option                 | 18-6-2021   | 110,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 51,6600    |      | 52           | 0             | 22-10-2018         |            |
| O                | BFQ                       | BASF - Stock Option                 | 18-6-2021   | 150,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 0             | 22-10-2018         |            |
| O                | BFQ                       | BASF - Stock Option                 | 18-6-2021   | 150,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 91,4800    |      | 91           | 0             | 22-10-2018         |            |
| F                | BG6                       | Bilfinger SE - Stock Future         | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 35,9501    |      | 36           | 0             | 22-10-2018         |            |
| F                | BG6                       | Bilfinger SE - Stock Future         | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 35,9864    |      | 36           | 0             | 22-10-2018         |            |
| F                | BG6                       | Bilfinger SE - Stock Future         | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 35,9253    |      | 36           | 0             | 22-10-2018         |            |
| F                | BG6                       | Bilfinger SE - Stock Future         | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 35,9132    |      | 36           | 0             | 22-10-2018         |            |
| F                | BG6                       | Bilfinger SE - Stock Future         | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 34,8817    |      | 35           | 0             | 22-10-2018         |            |
| F                | BG6                       | Bilfinger SE - Stock Future         | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 34,8530    |      | 35           | 0             | 22-10-2018         |            |
| F                | BH6                       | BHP Billiton - Stock Future         | 16-11-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1551,0500  |      | 1551         | 0             | 22-10-2018         |            |
| F                | BH6                       | BHP Billiton - Stock Future         | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1552,0100  |      | 1552         | 0             | 22-10-2018         |            |
| F                | BH6                       | BHP Billiton - Stock Future         | 18-1-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1552,8300  |      | 1553         | 0             | 22-10-2018         |            |
| F                | BH6                       | BHP Billiton - Stock Future         | 15-3-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1509,8700  |      | 1510         | 0             | 22-10-2018         |            |
| F                | BH6                       | BHP Billiton - Stock Future         | 21-6-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1513,2000  |      | 1513         | 0             | 22-10-2018         |            |
| F                | BH6                       | BHP Billiton - Stock Future         | 20-9-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1467,1600  |      | 1467         | 0             | 22-10-2018         |            |
| F                | BH8                       | BHP Billiton - Dividend Future      | 21-12-2018  | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1800     |      | 1            | 0             | 22-10-2018         |            |
| F                | BH8                       | BHP Billiton - Dividend Future      | 20-12-2019  | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2000     |      | 1            | 0             | 22-10-2018         |            |
| F                | BH8                       | BHP Billiton - Dividend Future      | 18-12-2020  | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0500     |      | 1            | 0             | 22-10-2018         |            |
| F                | BH8                       | BHP Billiton - Dividend Future      | 17-12-2021  | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1500     |      | 1            | 0             | 22-10-2018         |            |
| F                | BH8                       | BHP Billiton - Dividend Future      | 16-12-2022  | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1500     |      | 1            | 0             | 22-10-2018         |            |
| O                | BI                        | Brunel International NV Stnd Option | 16-11-2018  | 9,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5200     |      | 3            | 0             | 22-10-2018         |            |
| O                | BI                        | Brunel International NV Stnd Option | 16-11-2018  | 9,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     |      | 0            | 0             | 22-10-2018         |            |
| O                | BI                        | Brunel International NV Stnd Option | 16-11-2018  | 9,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1200     |      | 2            | 0             | 22-10-2018         |            |
| O                | BI                        | Brunel International NV Stnd Option | 16-11-2018  | 9,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     |      | 0            | 3             | 22-10-2018         |            |
| O                | BI                        | Brunel International NV Stnd Option | 16-11-2018  | 10,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7500     |      | 2            | 0             | 22-10-2018         |            |
| O                | BI                        | Brunel International NV Stnd Option | 16-11-2018  | 10,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     |      | 0            | 6             | 22-10-2018         |            |
| O                | BI                        | Brunel International NV Stnd Option | 16-11-2018  | 10,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3100     |      | 1            | 0             | 22-10-2018         |            |
| O                | BI                        | Brunel International NV Stnd Option | 16-11-2018  | 10,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     |      | 0            | 0             | 22-10-2018         |            |
| O                | BI                        | Brunel International NV Stnd Option | 16-11-2018  | 11,0000        | C                 | EUR               | 0,9000 | 0,9000 | 0,8000 | 3           | 0,8000 | 0,9000     |      | 1            | 15            | 22-10-2018         |            |
| O                | BI                        | Brunel International NV Stnd Option | 16-11-2018  | 11,0000        | P                 | EUR               | 0,2500 | 0,2500 | 0,2500 | 2           | 0,2500 | 0,2200     |      | 0            | 10            | 22-10-2018         |            |
| O                | BI                        | Brunel International NV Stnd Option | 16-11-2018  | 11,5000        | C                 | EUR               | 0,6000 | 0,6000 | 0,5500 | 2           | 0,5500 | 0,5600     |      | 1            | 13            | 22-10-2018         |            |
| O                | BI                        | Brunel International NV Stnd Option | 16-11-2018  | 11,5000        | P                 | EUR               | 0,3800 | 0,4500 | 0,3800 | 8           | 0,4500 | 0,3900     |      | 0            | 155           | 22-10-2018         |            |
| O                | BI                        | Brunel International NV Stnd Option | 16-11-2018  | 12,0000        | C                 | EUR               | 0,3200 | 0,3500 | 0,3200 | 4           | 0,3300 | 0,3300     |      | 0            | 8             | 22-10-2018         |            |
| O                | BI                        | Brunel International NV Stnd Option | 16-11-2018  | 12,0000        | P                 | EUR               | 0,6000 | 0,6000 | 0,6000 | 1           | 0,6000 | 0,6500     |      | 1            | 66            | 22-10-2018         |            |
| O                | BI                        | Brunel International NV Stnd Option | 16-11-2018  | 12,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1700     |      | 0            | 166           | 22-10-2018         |            |
| O                | BI                        | Brunel International NV Stnd Option | 16-11-2018  | 12,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0000     |      | 1            | 0             | 95                 | 22-10-2018 |
| O                | BI                        | Brunel International NV Stnd Option | 16-11-2018  | 13,0000        | C                 | EUR               | 0,0900 | 0,0900 | 0,0800 | 2           | 0,0800 | 0,0800     |      | 0            | 5             | 176                | 22-10-2018 |
| O                | BI                        | Brunel International NV Stnd Option | 16-11-2018  | 13,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4100     |      | 1            | 0             | 6                  | 22-10-2018 |
| O                | BI                        | Brunel International NV Stnd Option | 16-11-2018  | 13,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     |      | 0            | 73            | 22-10-2018         |            |
| O                | BI                        | Brunel International NV Stnd Option | 16-11-2018  | 13,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8600     |      | 2            | 0             | 12                 | 22-10-2018 |
| O                | BI                        | Brunel International NV Stnd Option | 16-11-2018  | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 158           | 22-10-2018         |            |
| O                | BI                        | Brunel International NV Stnd Option | 16-11-2018  | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3400     |      | 2            | 0             | 121                | 22-10-2018 |
| O                | BI                        | Brunel International NV Stnd Option | 16-11-2018  | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 3             | 22-10-2018         |            |
| O                | BI                        | Brunel International NV Stnd Option | 16-11-2018  | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3300     |      | 3            | 0             | 28                 | 22-10-2018 |
| O                | BI                        | Brunel International NV Stnd Option | 16-11-2018  | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 8             | 22-10-2018         |            |
| O                | BI                        | Brunel International NV Stnd Option | 16-11-2018  | 16,0000        | P                 | EUR               |        |        |        |             |        |            |      |              |               |                    |            |



| Instrument Type* | Instrument Trading Symbol | Instrument Name                     | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|-------------------------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | BI                        | Brunel International NV Stnd Option | 21-12-2018  | 9,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     | 0    | 0            | 0             | 22-10-2018         |
| O                | BI                        | Brunel International NV Stnd Option | 21-12-2018  | 9,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1700     | 2    | 0            | 0             | 22-10-2018         |
| O                | BI                        | Brunel International NV Stnd Option | 21-12-2018  | 9,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     | 0    | 5            | 5             | 22-10-2018         |
| O                | BI                        | Brunel International NV Stnd Option | 21-12-2018  | 10,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8200     | 2    | 0            | 291           | 22-10-2018         |
| O                | BI                        | Brunel International NV Stnd Option | 21-12-2018  | 10,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1500     | 0    | 0            | 31            | 22-10-2018         |
| O                | BI                        | Brunel International NV Stnd Option | 21-12-2018  | 11,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0400     | 1    | 0            | 0             | 22-10-2018         |
| O                | BI                        | Brunel International NV Stnd Option | 21-12-2018  | 11,0000        | P                 | EUR               | 0,3800 | 0,3800 | 0,3800 | 1           | 0,3800 | 0,3700     | 0    | 2            | 34            | 22-10-2018         |
| O                | BI                        | Brunel International NV Stnd Option | 21-12-2018  | 11,5000        | C                 | EUR               | 0,7500 | 0,7500 | 0,7000 | 2           | 0,7000 | 0,7300     | 1    | 2            | 0             | 22-10-2018         |
| O                | BI                        | Brunel International NV Stnd Option | 21-12-2018  | 11,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5500     | 1    | 0            | 51            | 22-10-2018         |
| O                | BI                        | Brunel International NV Stnd Option | 21-12-2018  | 12,0000        | C                 | EUR               | 0,5200 | 0,5200 | 0,5000 | 2           | 0,5000 | 0,4800     | 1    | 6            | 131           | 22-10-2018         |
| O                | BI                        | Brunel International NV Stnd Option | 21-12-2018  | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8100     | 0    | 0            | 451           | 22-10-2018         |
| O                | BI                        | Brunel International NV Stnd Option | 21-12-2018  | 12,5000        | C                 | EUR               | 0,3000 | 0,3000 | 0,2800 | 4           | 0,2800 | 0,3100     | 0    | 51           | 352           | 22-10-2018         |
| O                | BI                        | Brunel International NV Stnd Option | 21-12-2018  | 12,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1400     | 1    | 0            | 158           | 22-10-2018         |
| O                | BI                        | Brunel International NV Stnd Option | 21-12-2018  | 13,0000        | C                 | EUR               | 0,2000 | 0,2000 | 0,1800 | 3           | 0,1800 | 0,1900     | 0    | 6            | 248           | 22-10-2018         |
| O                | BI                        | Brunel International NV Stnd Option | 21-12-2018  | 13,0000        | P                 | EUR               | 1,5500 | 1,5500 | 1,5500 | 1           | 1,5500 | 1,5200     | 2    | 1            | 2048          | 22-10-2018         |
| O                | BI                        | Brunel International NV Stnd Option | 21-12-2018  | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     | 0    | 0            | 850           | 22-10-2018         |
| O                | BI                        | Brunel International NV Stnd Option | 21-12-2018  | 14,0000        | P                 | EUR               | 2,4000 | 2,4000 | 2,4000 | 1           | 2,4000 | 2,4000     | 2    | 2            | 574           | 22-10-2018         |
| O                | BI                        | Brunel International NV Stnd Option | 21-12-2018  | 15,0000        | C                 | EUR               | 0,0300 | 0,0300 | 0,0300 | 1           | 0,0300 | 0,0200     | 0    | 5            | 2037          | 22-10-2018         |
| O                | BI                        | Brunel International NV Stnd Option | 21-12-2018  | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3500     | 3    | 0            | 1028          | 22-10-2018         |
| O                | BI                        | Brunel International NV Stnd Option | 21-12-2018  | 16,0000        | C                 | EUR               | 0,0500 | 0,0500 | 0,0200 | 2           | 0,0200 | 0,0100     | 0    | 19           | 410           | 22-10-2018         |
| O                | BI                        | Brunel International NV Stnd Option | 21-12-2018  | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,3400     | 4    | 0            | 808           | 22-10-2018         |
| O                | BI                        | Brunel International NV Stnd Option | 21-12-2018  | 17,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 769           | 22-10-2018         |
| O                | BI                        | Brunel International NV Stnd Option | 21-12-2018  | 17,0000        | P                 | EUR               | 5,3000 | 5,3000 | 5,3000 | 1           | 5,3000 | 5,3300     | 5    | 5            | 439           | 22-10-2018         |
| O                | BI                        | Brunel International NV Stnd Option | 21-12-2018  | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 181           | 22-10-2018         |
| O                | BI                        | Brunel International NV Stnd Option | 21-12-2018  | 18,0000        | P                 | EUR               | 6,3500 | 6,3500 | 6,3500 | 1           | 6,3500 | 6,3300     | 6    | 4            | 338           | 22-10-2018         |
| O                | BI                        | Brunel International NV Stnd Option | 21-12-2018  | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 193           | 22-10-2018         |
| O                | BI                        | Brunel International NV Stnd Option | 21-12-2018  | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,3300     | 8    | 0            | 384           | 22-10-2018         |
| O                | BI                        | Brunel International NV Stnd Option | 21-12-2018  | 22,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | BI                        | Brunel International NV Stnd Option | 21-12-2018  | 22,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,3300    | 10   | 0            | 12            | 22-10-2018         |
| O                | BI                        | Brunel International NV Stnd Option | 21-12-2018  | 24,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | BI                        | Brunel International NV Stnd Option | 21-12-2018  | 24,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,3400    | 12   | 0            | 0             | 22-10-2018         |
| O                | BI                        | Brunel International NV Stnd Option | 18-1-2019   | 9,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5700     | 3    | 0            | 0             | 22-10-2018         |
| O                | BI                        | Brunel International NV Stnd Option | 18-1-2019   | 9,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     | 0    | 0            | 0             | 22-10-2018         |
| O                | BI                        | Brunel International NV Stnd Option | 18-1-2019   | 9,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2200     | 2    | 0            | 0             | 22-10-2018         |
| O                | BI                        | Brunel International NV Stnd Option | 18-1-2019   | 9,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1500     | 0    | 0            | 0             | 22-10-2018         |
| O                | BI                        | Brunel International NV Stnd Option | 18-1-2019   | 10,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8800     | 2    | 0            | 0             | 22-10-2018         |
| O                | BI                        | Brunel International NV Stnd Option | 18-1-2019   | 10,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2100     | 0    | 0            | 0             | 22-10-2018         |
| O                | BI                        | Brunel International NV Stnd Option | 18-1-2019   | 11,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1200     | 1    | 0            | 0             | 22-10-2018         |
| O                | BI                        | Brunel International NV Stnd Option | 18-1-2019   | 11,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4500     | 0    | 0            | 0             | 22-10-2018         |
| O                | BI                        | Brunel International NV Stnd Option | 18-1-2019   | 11,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8200     | 1    | 0            | 0             | 22-10-2018         |
| O                | BI                        | Brunel International NV Stnd Option | 18-1-2019   | 11,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6500     | 1    | 0            | 0             | 22-10-2018         |
| O                | BI                        | Brunel International NV Stnd Option | 18-1-2019   | 12,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5800     | 1    | 0            | 0             | 22-10-2018         |
| O                | BI                        | Brunel International NV Stnd Option | 18-1-2019   | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9100     | 1    | 0            | 0             | 22-10-2018         |
| O                | BI                        | Brunel International NV Stnd Option | 18-1-2019   | 12,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4000     | 0    | 0            | 0             | 22-10-2018         |
| O                | BI                        | Brunel International NV Stnd Option | 18-1-2019   | 12,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2300     | 1    | 0            | 0             | 22-10-2018         |
| O                | BI                        | Brunel International NV Stnd Option | 18-1-2019   | 13,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2600     | 0    | 0            | 0             | 22-10-2018         |
| O                | BI                        | Brunel International NV Stnd Option | 18-1-2019   | 13,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6000     | 2    | 0            | 0             | 22-10-2018         |
| O                | BI                        | Brunel International NV Stnd Option | 18-1-2019   | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     | 0    | 0            | 0             | 22-10-2018         |
| O                | BI                        | Brunel International NV Stnd Option | 18-1-2019   | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4500     | 2    | 0            | 0             | 22-10-2018         |
| O                | BI                        | Brunel International NV Stnd Option | 18-1-2019   | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     | 0    | 0            | 0             | 22-10-2018         |
| O                | BI                        | Brunel International NV Stnd Option | 18-1-2019   | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3800     | 3    | 0            | 0             | 22-10-2018         |
| O                | BI                        | Brunel International NV Stnd Option | 15-3-2019   | 7,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,7300     | 5    | 0            | 0             | 22-10-2018         |
| O                | BI                        | Brunel International NV Stnd Option | 15-3-2019   | 7,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 5            | 5             | 22-10-2018         |
| O                | BI                        | Brunel International NV Stnd Option | 15-3-2019   | 8,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,7600     | 4    | 0            | 50            | 22-10-2018         |
| O                | BI                        | Brunel International NV Stnd Option | 15-3-2019   | 8,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     | 0    | 0            | 20            | 22-10-2018         |
| O                | BI                        | Brunel International NV Stnd Option | 15-3-2019   | 9,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8500     | 3    | 0            | 386           | 22-10-2018         |
| O                | BI                        | Brunel International NV Stnd Option | 15-3-2019   | 9,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1800     | 0    | 0            | 26            | 22-10-2018         |
| O                | BI                        | Brunel International NV Stnd Option | 15-3-2019   | 10,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0300     | 2    | 0            | 167           | 22-10-2018         |
| O                | BI                        | Brunel International NV Stnd Option | 15-3-2019   | 10,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3600     | 0    | 0            | 435           | 22-10-2018         |
| O                | BI                        | Brunel International NV Stnd Option | 15-3-2019   | 11,0000        | C                 | EUR               | 1,2200 | 1,2200 | 1,2200 | 1           | 1,2200 | 1,3400     | 1    | 1            | 2             | 22-10-2018         |
| O                | BI                        | Brunel International NV Stnd Option | 15-3-2019   | 11,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6700     | 1    | 0            | 37            | 22-10-2018         |
| O                | BI                        | Brunel International NV Stnd Option | 15-3-2019   | 12,0000        | C                 | EUR               | 0,8000 | 0,8000 | 0,7600 | 2           | 0,7600 | 0,8200     | 1    | 725          | 2             | 22-10-2018         |
| O                | BI                        | Brunel International NV Stnd Option | 15-3-2019   | 12,0000        | P                 | EUR               | 1,1500 | 1,2000 | 1,1500 | 5           | 1,2000 | 1,1500     | 1    | 22           | 409           | 22-10-2018         |
| O                | BI                        | Brunel International NV Stnd Option | 15-3-2019   | 13,0000        | C                 | EUR               | 0,4600 | 0,4600 | 0,4600 | 1           | 0,4600 | 0,4600     | 0    | 15           | 617           | 22-10-2018         |
| O                | BI                        | Brunel International NV Stnd Option | 15-3-2019   | 13,0000        | P                 | EUR               | 1,8000 | 1,8500 | 1,8000 | 3           | 1,8500 | 1,8000     | 2    | 11           | 267           | 22-10-2018         |
| O                | BI                        | Brunel International NV Stnd Option | 15-3-2019   | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2500     | 0    | 0            | 625           | 22-10-2018         |
| O                | BI                        | Brunel International NV Stnd Option | 15-3-2019   | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5900     | 3    | 0            | 390           | 22-10-2018         |
| O                | BI                        | Brunel International NV Stnd Option | 15-3-2019   | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1400     | 0    | 0            | 1618          | 22-10-2018         |
| O                | BI                        | Brunel International NV Stnd Option | 15-3-2019   | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4800     | 3    | 0            | 193           | 22-10-2018         |
| O                | BI                        | Brunel International NV Stnd Option | 15-3-2019   | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     | 0    | 0            | 78            | 22-10-2018         |
| O                | BI                        | Brunel International NV Stnd Option | 15-3-2019   | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,4100     | 4    | 0            | 200           | 22-10-2018         |
| O                | BI                        | Brunel International NV Stnd Option | 15-3-2019   | 17,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     | 0    | 0            | 57            | 22-10-2018         |
| O                | BI                        | Brunel International NV Stnd Option | 15-3-2019   | 17,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,3800     | 5    | 0            | 99            | 22-10-2018         |
| O                | BI                        | Brunel International NV Stnd Option | 15-3-2019   | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 10            | 22-10-2018         |
| O                | BI                        | Brunel International NV Stnd Option | 15-3-2019   | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,3600     | 6    | 0            | 54            | 22-10-2018         |
| O                | BI                        | Brunel International NV Stnd Option | 15-3-2019   | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | BI                        | Brunel International NV Stnd Option | 15-3-2019   | 20,0000        |                   |                   |        |        |        |             |        |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name                                   | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|---|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | BI                        | Brunel International NV Stnd Option               | 21-6-2019   | 10,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1800     |      | 2            | 0             | 150 22-10-2018     |
| O                | BI                        | Brunel International NV Stnd Option               | 21-6-2019   | 10,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6400     |      | 1            | 0             | 29 22-10-2018      |
| O                | BI                        | Brunel International NV Stnd Option               | 21-6-2019   | 11,0000        | C                 | EUR               | 1,5500 | 1,5500 | 1,5500 | 2           | 1,5500 | 1,5100     |      | 2            | 20            | 21 22-10-2018      |
| O                | BI                        | Brunel International NV Stnd Option               | 21-6-2019   | 11,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0000     |      | 1            | 0             | 10 22-10-2018      |
| O                | BI                        | Brunel International NV Stnd Option               | 21-6-2019   | 12,0000        | C                 | EUR               | 1,0000 | 1,0000 | 1,0000 | 1           | 1,0000 | 0,9800     |      | 1            | 9             | 320 22-10-2018     |
| O                | BI                        | Brunel International NV Stnd Option               | 21-6-2019   | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5000     |      | 2            | 0             | 248 22-10-2018     |
| O                | BI                        | Brunel International NV Stnd Option               | 21-6-2019   | 13,0000        | C                 | EUR               | 0,7000 | 0,7000 | 0,7000 | 1           | 0,7000 | 0,6200     |      | 1            | 9             | 314 22-10-2018     |
| O                | BI                        | Brunel International NV Stnd Option               | 21-6-2019   | 13,0000        | P                 | EUR               | 2,2000 | 2,2000 | 2,2000 | 2           | 2,2000 | 2,1700     |      | 2            | 10            | 178 22-10-2018     |
| O                | BI                        | Brunel International NV Stnd Option               | 21-6-2019   | 14,0000        | C                 | EUR               | 0,4400 | 0,4400 | 0,4200 | 2           | 0,4200 | 0,4000     |      | 0            | 25            | 168 22-10-2018     |
| O                | BI                        | Brunel International NV Stnd Option               | 21-6-2019   | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9600     |      | 3            | 0             | 230 22-10-2018     |
| O                | BI                        | Brunel International NV Stnd Option               | 21-6-2019   | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1400     |      | 0            | 0             | 19 22-10-2018      |
| O                | BI                        | Brunel International NV Stnd Option               | 21-6-2019   | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,7200     |      | 5            | 0             | 148 22-10-2018     |
| O                | BI                        | Brunel International NV Stnd Option               | 21-6-2019   | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     |      | 0            | 0             | 0 22-10-2018       |
| O                | BI                        | Brunel International NV Stnd Option               | 21-6-2019   | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,6500     |      | 7            | 0             | 0 22-10-2018       |
| O                | BI                        | Brunel International NV Stnd Option               | 21-6-2019   | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 0             | 0 22-10-2018       |
| O                | BI                        | Brunel International NV Stnd Option               | 21-6-2019   | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,6200     |      | 9            | 0             | 60 22-10-2018      |
| F                | BI6                       | Bankinter SA - Stock Future                       | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,3000     |      | 7            | 0             | 0 22-10-2018       |
| F                | BI6                       | Bankinter SA - Stock Future                       | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,2972     |      | 7            | 0             | 0 22-10-2018       |
| F                | BI6                       | Bankinter SA - Stock Future                       | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,2306     |      | 7            | 0             | 0 22-10-2018       |
| F                | BI6                       | Bankinter SA - Stock Future                       | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,2281     |      | 7            | 0             | 0 22-10-2018       |
| F                | BI6                       | Bankinter SA - Stock Future                       | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,1318     |      | 7            | 0             | 0 22-10-2018       |
| F                | BI6                       | Bankinter SA - Stock Future                       | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,0560     |      | 7            | 0             | 0 22-10-2018       |
| F                | BI8                       | Bankinter - Dividend Future                       | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2844     |      | 0            | 0             | 0 22-10-2018       |
| F                | BI8                       | Bankinter - Dividend Future                       | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2248     |      | 0            | 0             | 0 22-10-2018       |
| F                | BI8                       | Bankinter - Dividend Future                       | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3230     |      | 0            | 0             | 0 22-10-2018       |
| F                | BI8                       | Bankinter - Dividend Future                       | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2600     |      | 0            | 0             | 0 22-10-2018       |
| F                | BI8                       | Bankinter - Dividend Future                       | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2600     |      | 0            | 0             | 0 22-10-2018       |
| F                | BO6                       | Boskalis Westminster NV Kon - Stock Future        | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 24,5152    |      | 25           | 0             | 0 22-10-2018       |
| F                | BO6                       | Boskalis Westminster NV Kon - Stock Future        | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 24,4958    |      | 24           | 0             | 0 22-10-2018       |
| F                | BO6                       | Boskalis Westminster NV Kon - Stock Future        | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 24,4804    |      | 24           | 0             | 0 22-10-2018       |
| F                | BO6                       | Boskalis Westminster NV Kon - Stock Future        | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 24,4576    |      | 24           | 0             | 0 22-10-2018       |
| F                | BO6                       | Boskalis Westminster NV Kon - Stock Future        | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 23,7605    |      | 24           | 0             | 0 22-10-2018       |
| F                | BO6                       | Boskalis Westminster NV Kon - Stock Future        | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 23,7350    |      | 24           | 0             | 0 22-10-2018       |
| F                | BO8                       | Boskalis Westminster Koninklijke - Dividend Futur | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0000     |      | 2            | 0             | 0 22-10-2018       |
| F                | BO8                       | Boskalis Westminster Koninklijke - Dividend Futur | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6200     |      | 1            | 0             | 0 22-10-2018       |
| F                | BO8                       | Boskalis Westminster Koninklijke - Dividend Futur | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6500     |      | 1            | 0             | 0 22-10-2018       |
| F                | BO8                       | Boskalis Westminster Koninklijke - Dividend Futur | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6500     |      | 1            | 0             | 0 22-10-2018       |
| F                | BO8                       | Boskalis Westminster Koninklijke - Dividend Futur | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6500     |      | 1            | 0             | 0 22-10-2018       |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT            | 16-11-2018  | 21,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,6500     |      | 4            | 0             | 0 22-10-2018       |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT            | 16-11-2018  | 21,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     |      | 0            | 14            | 22-10-2018         |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT            | 16-11-2018  | 22,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7400     |      | 3            | 0             | 15 22-10-2018      |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT            | 16-11-2018  | 22,0000        | P                 | EUR               | 0,2200 | 0,2200 | 0,2200 | 1           | 0,2200 | 0,2200     |      | 0            | 1             | 144 22-10-2018     |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT            | 16-11-2018  | 23,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9200     |      | 2            | 0             | 49 22-10-2018      |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT            | 16-11-2018  | 23,0000        | P                 | EUR               | 0,3800 | 0,3800 | 0,3800 | 1           | 0,3800 | 0,4100     |      | 0            | 1             | 191 22-10-2018     |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT            | 16-11-2018  | 23,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5600     |      | 2            | 0             | 123 22-10-2018     |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT            | 16-11-2018  | 23,5000        | P                 | EUR               | 0,5000 | 0,5000 | 0,4900 | 4           | 0,4900 | 0,5500     |      | 1            | 17            | 114 22-10-2018     |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT            | 16-11-2018  | 24,0000        | C                 | EUR               | 1,3400 | 1,3400 | 1,3400 | 1           | 1,3400 | 1,2600     |      | 1            | 1             | 74 22-10-2018      |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT            | 16-11-2018  | 24,0000        | P                 | EUR               | 0,7000 | 0,7000 | 0,7000 | 2           | 0,7000 | 0,7500     |      | 1            | 10            | 312 22-10-2018     |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT            | 16-11-2018  | 24,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9600     |      | 1            | 0             | 163 22-10-2018     |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT            | 16-11-2018  | 24,5000        | P                 | EUR               | 0,8600 | 0,8600 | 0,8600 | 1           | 0,8600 | 0,9500     |      | 1            | 2             | 221 22-10-2018     |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT            | 16-11-2018  | 25,0000        | C                 | EUR               | 0,8000 | 0,8000 | 0,7500 | 7           | 0,7500 | 0,7300     |      | 1            | 33            | 425 22-10-2018     |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT            | 16-11-2018  | 25,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2100     |      | 1            | 0             | 571 22-10-2018     |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT            | 16-11-2018  | 25,5000        | C                 | EUR               | 0,6000 | 0,6000 | 0,5500 | 7           | 0,5500 | 0,5300     |      | 1            | 16            | 243 22-10-2018     |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT            | 16-11-2018  | 25,5000        | P                 | EUR               | 1,4500 | 1,4500 | 1,3500 | 2           | 1,3500 | 1,5100     |      | 2            | 2             | 391 22-10-2018     |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT            | 16-11-2018  | 26,0000        | C                 | EUR               | 0,4500 | 0,4600 | 0,4500 | 3           | 0,4600 | 0,4000     |      | 0            | 34            | 348 22-10-2018     |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT            | 16-11-2018  | 26,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8800     |      | 2            | 0             | 165 22-10-2018     |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT            | 16-11-2018  | 26,5000        | C                 | EUR               | 0,3200 | 0,3200 | 0,3200 | 2           | 0,3200 | 0,2900     |      | 0            | 2             | 201 22-10-2018     |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT            | 16-11-2018  | 26,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2700     |      | 2            | 0             | 287 22-10-2018     |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT            | 16-11-2018  | 27,0000        | C                 | EUR               | 0,2400 | 0,2400 | 0,2100 | 3           | 0,2100 | 0,2100     |      | 0            | 7             | 235 22-10-2018     |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT            | 16-11-2018  | 27,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6900     |      | 3            | 0             | 179 22-10-2018     |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT            | 16-11-2018  | 27,5000        | C                 | EUR               | 0,1800 | 0,1800 | 0,1500 | 5           | 0,1500 | 0,1500     |      | 0            | 12            | 331 22-10-2018     |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT            | 16-11-2018  | 27,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1300     |      | 3            | 0             | 155 22-10-2018     |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT            | 16-11-2018  | 28,0000        | C                 | EUR               | 0,1100 | 0,1100 | 0,1100 | 3           | 0,1100 | 0,1200     |      | 0            | 10            | 189 22-10-2018     |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT            | 16-11-2018  | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,6000     |      | 4            | 0             | 198 22-10-2018     |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT            | 16-11-2018  | 28,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     |      | 0            | 0             | 66 22-10-2018      |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT            | 16-11-2018  | 28,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,0700     |      | 4            | 0             | 65 22-10-2018      |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT            | 16-11-2018  | 29,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     |      | 0            | 0             | 564 22-10-2018     |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT            | 16-11-2018  | 29,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,5600     |      | 5            | 0             | 20 22-10-2018      |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT            | 16-11-2018  | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     |      | 0            | 0             | 395 22-10-2018     |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT            | 16-11-2018  | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,5400     |      | 6            | 0             | 24 22-10-2018      |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT            | 16-11-2018  | 32,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 111 22-10-2018     |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT            | 16-11-2018  | 32,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,5000     |      | 8            | 0             | 11 22-10-2018      |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT            | 16-11-2018  | 34,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0 22-10-2018       |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT            | 16-11-2018  | 34,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,4900     |      | 9            | 0             | 0 22-10-2018       |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT            | 21-12-2018  | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,5300     |      | 9            | 0             | 12 22-10-2018      |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT            | 21-12-2018  | 16,            |                   |                   |        |        |        |             |        |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name                        | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open    | High    | Low     | Trade Count | Close   | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|--|-------------|----------------|-------------------|-------------------|---------|---------|---------|-------------|---------|------------|------|--------------|---------------|--------------------|
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-12-2018  | 23,0000        | P                 | EUR               | 0,5000  | 0,5000  | 0,5000  | 1           | 0,5000  | 0,5700     |      | 1            | 10            | 525 22-10-2018     |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-12-2018  | 23,5000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,7200     |      | 2            | 0             | 0 22-10-2018       |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-12-2018  | 23,5000        | P                 | EUR               | 0,7000  | 0,7000  | 0,7000  | 1           | 0,7000  | 0,7200     |      | 1            | 13            | 13 22-10-2018      |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-12-2018  | 24,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,3900     |      | 1            | 0             | 1369 22-10-2018    |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-12-2018  | 24,0000        | P                 | EUR               | 0,9000  | 0,9000  | 0,9000  | 3           | 0,9000  | 0,9000     |      | 1            | 20            | 1143 22-10-2018    |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-12-2018  | 24,5000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,1300     |      | 1            | 0             | 113 22-10-2018     |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-12-2018  | 24,5000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,1300     |      | 1            | 0             | 18 22-10-2018      |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-12-2018  | 25,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,9100     |      | 1            | 0             | 667 22-10-2018     |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-12-2018  | 25,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,4200     |      | 1            | 0             | 1009 22-10-2018    |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-12-2018  | 25,5000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,7300     |      | 1            | 0             | 56 22-10-2018      |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-12-2018  | 25,5000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,7300     |      | 2            | 0             | 9 22-10-2018       |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-12-2018  | 26,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,5700     |      | 1            | 0             | 938 22-10-2018     |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-12-2018  | 26,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,0800     |      | 2            | 0             | 991 22-10-2018     |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-12-2018  | 26,5000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,4300     |      | 0            | 0             | 119 22-10-2018     |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-12-2018  | 26,5000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,4400     |      | 2            | 0             | 224 22-10-2018     |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-12-2018  | 27,0000        | C                 | EUR               | 0,3500  | 0,3500  | 0,3500  | 2           | 0,3500  | 0,3300     |      | 0            | 2             | 726 22-10-2018     |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-12-2018  | 27,0000        | P                 | EUR               | 2,8000  | 2,8000  | 2,8000  | 1           | 2,8000  | 2,8300     |      | 3            | 5             | 508 22-10-2018     |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-12-2018  | 27,5000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2500     |      | 0            | 0             | 20 22-10-2018      |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-12-2018  | 27,5000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,2500     |      | 3            | 0             | 18 22-10-2018      |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-12-2018  | 28,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1900     |      | 0            | 0             | 1240 22-10-2018    |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-12-2018  | 28,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,7000     |      | 4            | 0             | 713 22-10-2018     |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-12-2018  | 28,5000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1500     |      | 0            | 0             | 38 22-10-2018      |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-12-2018  | 28,5000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,1500     |      | 4            | 0             | 0 22-10-2018       |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-12-2018  | 29,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1200     |      | 0            | 0             | 417 22-10-2018     |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-12-2018  | 29,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,6200     |      | 5            | 0             | 268 22-10-2018     |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-12-2018  | 30,0000        | C                 | EUR               | 0,0800  | 0,0800  | 0,0800  | 1           | 0,0800  | 0,0800     |      | 0            | 1             | 625 22-10-2018     |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-12-2018  | 30,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,5800     |      | 6            | 0             | 454 22-10-2018     |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-12-2018  | 32,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0400     |      | 0            | 0             | 896 22-10-2018     |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-12-2018  | 32,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,5400     |      | 8            | 0             | 401 22-10-2018     |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-12-2018  | 34,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0400     |      | 0            | 0             | 199 22-10-2018     |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-12-2018  | 34,0000        | P                 | EUR               | 9,3700  | 9,3700  | 9,3700  | 1           | 9,3700  | 9,5500     |      | 10           | 20            | 228 22-10-2018     |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-12-2018  | 35,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 94 22-10-2018      |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-12-2018  | 35,0000        | P                 | EUR               | 10,4500 | 10,4500 | 10,4500 | 1           | 10,4500 | 10,5200    |      | 11           | 2             | 223 22-10-2018     |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-12-2018  | 40,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 83 22-10-2018      |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-12-2018  | 40,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 15,5100    |      | 16           | 0             | 292 22-10-2018     |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-12-2018  | 45,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 50 22-10-2018      |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-12-2018  | 45,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 20,5200    |      | 21           | 0             | 92 22-10-2018      |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 18-1-2019   | 21,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,7500     |      | 4            | 0             | 0 22-10-2018       |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 18-1-2019   | 21,0000        | P                 | EUR               | 0,2300  | 0,2300  | 0,2300  | 1           | 0,2300  | 0,2600     |      | 0            | 2             | 2 22-10-2018       |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 18-1-2019   | 22,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,9100     |      | 3            | 0             | 0 22-10-2018       |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 18-1-2019   | 22,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,4200     |      | 0            | 0             | 0 22-10-2018       |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 18-1-2019   | 23,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,1300     |      | 2            | 0             | 0 22-10-2018       |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 18-1-2019   | 23,0000        | P                 | EUR               | 0,6000  | 0,6000  | 0,6000  | 2           | 0,6000  | 0,6500     |      | 1            | 40            | 40 22-10-2018      |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 18-1-2019   | 24,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,4800     |      | 1            | 0             | 0 22-10-2018       |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 18-1-2019   | 24,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,0000     |      | 1            | 0             | 0 22-10-2018       |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 18-1-2019   | 24,5000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,2500     |      | 1            | 0             | 0 22-10-2018       |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 18-1-2019   | 24,5000        | P                 | EUR               | 1,1200  | 1,1200  | 1,1200  | 1           | 1,1200  | 1,2700     |      | 1            | 1             | 1 22-10-2018       |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 18-1-2019   | 25,0000        | C                 | EUR               | 1,0800  | 1,0800  | 1,0800  | 1           | 1,0800  | 1,0000     |      | 1            | 1             | 1 22-10-2018       |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 18-1-2019   | 25,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,5200     |      | 2            | 0             | 0 22-10-2018       |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 18-1-2019   | 26,0000        | C                 | EUR               | 0,7000  | 0,7000  | 0,7000  | 1           | 0,7000  | 0,6500     |      | 1            | 1             | 1 22-10-2018       |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 18-1-2019   | 26,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,1700     |      | 2            | 0             | 0 22-10-2018       |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 18-1-2019   | 27,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,4000     |      | 0            | 0             | 0 22-10-2018       |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 18-1-2019   | 27,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,9200     |      | 3            | 0             | 0 22-10-2018       |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 18-1-2019   | 28,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2400     |      | 0            | 0             | 0 22-10-2018       |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 18-1-2019   | 28,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,7600     |      | 4            | 0             | 0 22-10-2018       |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 15-3-2019   | 16,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,5700     |      | 9            | 0             | 190 22-10-2018     |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 15-3-2019   | 16,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0700     |      | 0            | 0             | 41 22-10-2018      |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 15-3-2019   | 18,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,6300     |      | 7            | 0             | 165 22-10-2018     |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 15-3-2019   | 18,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1400     |      | 0            | 0             | 104 22-10-2018     |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 15-3-2019   | 20,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,7900     |      | 5            | 0             | 544 22-10-2018     |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 15-3-2019   | 20,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3100     |      | 0            | 0             | 878 22-10-2018     |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 15-3-2019   | 22,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,1200     |      | 3            | 0             | 400 22-10-2018     |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 15-3-2019   | 22,0000        | P                 | EUR               | 15,0000 | 0,0000  | 0,0000  | -           | 0,0000  | 0,6500     |      | 1            | 0             | 388 22-10-2018     |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 15-3-2019   | 23,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,4100     |      | 2            | 0             | 573 22-10-2018     |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 15-3-2019   | 23,0000        | P                 | EUR               | 1,0000  | 1,0000  | 0,9500  | 2           | 0,9500  | 0,9400     |      | 2            | 11            | 334 22-10-2018     |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 15-3-2019   | 24,0000        | C                 | EUR               | 1,9500  | 1,9500  | 1,9500  | 2           | 1,9500  | 1,8200     |      | 2            | 3             | 649 22-10-2018     |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 15-3-2019   | 24,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,3600     |      | 1            | 0             | 364 22-10-2018     |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 15-3-2019   | 25,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,3400     |      | 1            | 0             | 228 22-10-2018     |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 15-3-2019   | 25,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,8800     |      | 2            | 0             | 256 22-10-2018     |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 15-3-2019   | 26,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,9500     |      | 1            | 0             | 508 22-10-2018     |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 15-3-2019   | 26,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,5000     |      | 3            | 0             | 502 22-10-2018     |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 15-3-2019   | 27,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,6500     |      | 1            | 0             | 221 22-10-2018     |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 15-3-2019   | 27,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,2000     |      | 3            | 0             | 90 22-10-2018      |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 15-3-2019   | 28,0000        | C                 | EUR               | 0,5000  | 0,5000  | 0,5000  | 1           | 0,5000  | 0,4400     |      | 0            | 1             | 894 22-10-2018     |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 15-3-2019   | 28,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  |             |         |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name                        | Expiry Date  | Exercise Price | Option Category** | Contract Currency | Open    | High    | Low     | Trade Count | Close   | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|--|--------------|----------------|-------------------|-------------------|---------|---------|---------|-------------|---------|------------|------|--------------|---------------|--------------------|
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-6-2019    | 18,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,6600     | 7    | 0            | 172           | 22-10-2018         |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-6-2019    | 18,0000        | P                 | EUR               | 0,3200  | 0,3200  | 0,3200  | 1           | 0,3200  | 0,3000     | 0    | 2            | 61            | 22-10-2018         |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-6-2019    | 20,0000        | C                 | EUR               | 4,9500  | 4,9500  | 4,9500  | 1           | 4,9500  | 4,8500     | 5    | 5            | 284           | 22-10-2018         |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-6-2019    | 20,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,6000     | 1    | 0            | 109           | 22-10-2018         |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-6-2019    | 22,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,2700     | 3    | 0            | 97            | 22-10-2018         |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-6-2019    | 22,0000        | P                 | EUR               | 1,1000  | 1,1000  | 1,1000  | 1           | 1,1000  | 1,1500     | 1    | 1            | 158           | 22-10-2018         |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-6-2019    | 23,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,6000     | 3    | 0            | 106           | 22-10-2018         |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-6-2019    | 23,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,5500     | 2    | 0            | 167           | 22-10-2018         |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-6-2019    | 24,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,0400     | 2    | 0            | 228           | 22-10-2018         |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-6-2019    | 24,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,0400     | 2    | 0            | 176           | 22-10-2018         |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-6-2019    | 25,0000        | C                 | EUR               | 1,6000  | 1,6000  | 1,5500  | 2           | 1,5500  | 1,5500     | 2    | 35           | 310           | 22-10-2018         |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-6-2019    | 25,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,6100     | 3    | 0            | 204           | 22-10-2018         |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-6-2019    | 26,0000        | C                 | EUR               | 1,2000  | 1,2000  | 1,2000  | 2           | 1,2000  | 1,1500     | 1    | 3            | 149           | 22-10-2018         |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-6-2019    | 26,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,2700     | 3    | 0            | 249           | 22-10-2018         |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-6-2019    | 27,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,8500     | 1    | 0            | 200           | 22-10-2018         |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-6-2019    | 27,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,0100     | 4    | 0            | 119           | 22-10-2018         |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-6-2019    | 28,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,6000     | 1    | 0            | 370           | 22-10-2018         |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-6-2019    | 28,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,7900     | 5    | 0            | 330           | 22-10-2018         |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-6-2019    | 29,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,4500     | 0    | 0            | 21            | 22-10-2018         |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-6-2019    | 29,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,6600     | 6    | 0            | 30            | 22-10-2018         |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-6-2019    | 30,0000        | C                 | EUR               | 0,3400  | 0,3400  | 0,3400  | 1           | 0,3400  | 0,3300     | 0    | 2            | 403           | 22-10-2018         |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-6-2019    | 30,0000        | P                 | EUR               | 6,3700  | 6,3700  | 6,3700  | 1           | 6,3700  | 6,5500     | 7    | 20           | 285           | 22-10-2018         |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-6-2019    | 35,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0700     | 0    | 0            | 250           | 22-10-2018         |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-6-2019    | 35,0000        | P                 | EUR               | 11,1000 | 11,1000 | 11,1000 | 1           | 11,1000 | 11,3300    | 11   | 2            | 410           | 22-10-2018         |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-6-2019    | 40,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 21-6-2019    | 40,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 16,2900    | 16   | 0            | 189           | 22-10-2018         |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 20-9-2019    | 18,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,6600     | 7    | 0            | 0             | 22-10-2018         |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 20-9-2019    | 18,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,4000     | 0    | 0            | 9             | 22-10-2018         |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 20-9-2019    | 20,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,8800     | 5    | 0            | 69            | 22-10-2018         |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 20-9-2019    | 20,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,7500     | 1    | 0            | 18            | 22-10-2018         |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 20-9-2019    | 22,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,3800     | 3    | 0            | 70            | 22-10-2018         |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 20-9-2019    | 22,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,4000     | 1    | 0            | 58            | 22-10-2018         |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 20-9-2019    | 23,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,7400     | 3    | 0            | 0             | 22-10-2018         |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 20-9-2019    | 23,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,8200     | 2    | 0            | 2             | 22-10-2018         |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 20-9-2019    | 24,0000        | C                 | EUR               | 2,3000  | 2,3000  | 2,3000  | 1           | 2,3000  | 2,1800     | 2    | 1            | 85            | 22-10-2018         |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 20-9-2019    | 24,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,3100     | 2    | 0            | 58            | 22-10-2018         |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 20-9-2019    | 25,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,7000     | 2    | 0            | 116           | 22-10-2018         |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 20-9-2019    | 25,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,8800     | 3    | 0            | 5             | 22-10-2018         |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 20-9-2019    | 26,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,3200     | 1    | 0            | 127           | 22-10-2018         |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 20-9-2019    | 26,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,5200     | 4    | 0            | 65            | 22-10-2018         |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 20-9-2019    | 27,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,0000     | 1    | 0            | 52            | 22-10-2018         |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 20-9-2019    | 27,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,2400     | 4    | 0            | 21            | 22-10-2018         |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 20-9-2019    | 28,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,7500     | 1    | 0            | 47            | 22-10-2018         |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 20-9-2019    | 28,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,0100     | 5    | 0            | 61            | 22-10-2018         |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 20-9-2019    | 29,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,5500     | 1    | 0            | 73            | 22-10-2018         |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 20-9-2019    | 29,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,8200     | 6    | 0            | 163           | 22-10-2018         |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 20-9-2019    | 35,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1000     | 0    | 0            | 202           | 22-10-2018         |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 20-9-2019    | 35,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 11,4000    | 11   | 0            | 15            | 22-10-2018         |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 20-9-2019    | 40,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | BOS                       | Boskalis Westminster NV Kon - STND OPT | 20-9-2019    | 40,0000        | P                 | EUR               | 16,3500 | 16,3500 | 16,3500 | 3           | 16,3500 | 16,3300    | 16   | 25           | 45            | 22-10-2018         |
| F                | BP6                       | BP - Stock Future                      | 16-11-2018   | 0,0000         | GBX               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 543,4900   | 543  | 0            | 0             | 22-10-2018         |
| F                | BP6                       | BP - Stock Future                      | 21-12-2018   | 0,0000         | GBX               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 543,8300   | 544  | 0            | 0             | 22-10-2018         |
| F                | BP6                       | BP - Stock Future                      | 18-1-2019    | 0,0000         | GBX               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 544,1100   | 544  | 0            | 0             | 22-10-2018         |
| F                | BP6                       | BP - Stock Future                      | 15-3-2019    | 0,0000         | GBX               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 537,3100   | 537  | 0            | 0             | 22-10-2018         |
| F                | BP6                       | BP - Stock Future                      | 21-6-2019    | 0,0000         | GBX               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 531,4400   | 531  | 0            | 0             | 22-10-2018         |
| F                | BP6                       | BP - Stock Future                      | 20-9-2019    | 0,0000         | GBX               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 524,8700   | 525  | 0            | 0             | 22-10-2018         |
| F                | BP8                       | BP - Dividend Future                   | 21-12-2018   | 0,0000         | GBX               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 31,0000    | 31   | 0            | 0             | 22-10-2018         |
| F                | BP8                       | BP - Dividend Future                   | 20-12-2019   | 0,0000         | GBX               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 32,0000    | 32   | 0            | 0             | 22-10-2018         |
| F                | BP8                       | BP - Dividend Future                   | 18-12-2020   | 0,0000         | GBX               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 29,8200    | 30   | 0            | 0             | 22-10-2018         |
| F                | BP8                       | BP - Dividend Future                   | 17-12-2021   | 0,0000         | GBX               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 29,8200    | 30   | 0            | 0             | 22-10-2018         |
| F                | BP8                       | BP - Dividend Future                   | 16-12-2022   | 0,0000         | GBX               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 29,8200    | 30   | 0            | 0             | 22-10-2018         |
| F                | BQ6                       | Brenntag AG - Stock Future             | 16-11-2018   | 0,0000         | EUR               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 46,4573    | 46   | 0            | 0             | 22-10-2018         |
| F                | BQ6                       | Brenntag AG - Stock Future             | 21-12-2018   | 0,0000         | EUR               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 46,4395    | 46   | 0            | 0             | 22-10-2018         |
| F                | BQ6                       | Brenntag AG - Stock Future             | 18-1-2019    | 0,0000         | EUR               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 46,4252    | 46   | 0            | 0             | 22-10-2018         |
| F                | BQ6                       | Brenntag AG - Stock Future             | 15-3-2019    | 0,0000         | EUR               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 46,4095    | 46   | 0            | 0             | 22-10-2018         |
| F                | BQ6                       | Brenntag AG - Stock Future             | 21-6-2019    | 0,0000         | EUR               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 45,1684    | 45   | 0            | 0             | 22-10-2018         |
| F                | BQ6                       | Brenntag AG - Stock Future             | 20-9-2019    | 0,0000         | EUR               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 45,1313    | 45   | 0            | 0             | 22-10-2018         |
| F                | BR6                       | Deutsche Boerse AG - Stock Future      | 16-11-2018   | 0,0000         | EUR               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 113,9188   | 114  | 0            | 0             | 22-10-2018         |
| F                | BR6                       | Deutsche Boerse AG - Stock Future      | 21-12-2018   | 0,0000         | EUR               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 113,8751   | 114  | 0            | 0             | 22-10-2018         |
| F                | BR6                       | Deutsche Boerse AG - Stock Future      | 18-1-2019    | 0,0000         | EUR               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 113,8402   | 114  | 0            | 0             | 22-10-2018         |
| F                | BR6                       | Deutsche Boerse AG - Stock Future      | 15-3-2019    | 0,0000         | EUR               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 113,8017   | 114  | 0            | 0             | 22-10-2018         |
| F                | BR6                       | Deutsche Boerse AG - Stock Future      | 21-6-2019    | 0,0000         | EUR               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 111,0520   | 111  | 0            | 0             | 22-10-2018         |
| F                | BR6                       | Deutsche Boerse AG - Stock Future      | 20-9-2019    | 0,0000         | EUR               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 110,9607   | 111  | 0            | 0             | 22-10-2018         |
| F                | BR8                       | Deutsche Boerse - Dividend Future      | 21-12-2018   | 0,0000         | EUR               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,4500     | 2    | 0            | 0             | 22-10-2018         |
| F                | BR8                       | Deutsche Boerse - Dividend Future      | 20-12-2019</ |                |                   |                   |         |         |         |             |         |            |      |              |               |                    |



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| Instrument Type* | Instrument Trading Symbol | Instrument Name                            | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|--|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| F                | BT8                       | BT Group - Dividend Future                 | 20-12-2019  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,4000    |      | 15           | 0             | 22-10-2018         |
| F                | BT8                       | BT Group - Dividend Future                 | 18-12-2020  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,4000    |      | 15           | 0             | 22-10-2018         |
| F                | BT8                       | BT Group - Dividend Future                 | 17-12-2021  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,4000    |      | 15           | 0             | 22-10-2018         |
| F                | BT8                       | BT Group - Dividend Future                 | 16-12-2022  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,4000    |      | 15           | 0             | 22-10-2018         |
| F                | BW6                       | Bayerische Motoren Werke AG - Stock Future | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 74,4196    |      | 74           | 0             | 22-10-2018         |
| F                | BW6                       | Bayerische Motoren Werke AG - Stock Future | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 74,3911    |      | 74           | 0             | 22-10-2018         |
| F                | BW6                       | Bayerische Motoren Werke AG - Stock Future | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 74,3683    |      | 74           | 0             | 22-10-2018         |
| F                | BW6                       | Bayerische Motoren Werke AG - Stock Future | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 74,3431    |      | 74           | 0             | 22-10-2018         |
| F                | BW6                       | Bayerische Motoren Werke AG - Stock Future | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 70,9784    |      | 71           | 0             | 22-10-2018         |
| F                | BW6                       | Bayerische Motoren Werke AG - Stock Future | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 70,9200    |      | 71           | 0             | 22-10-2018         |
| F                | BW8                       | BMW - Dividend Future                      | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,0000     |      | 4            | 0             | 22-10-2018         |
| F                | BW8                       | BMW - Dividend Future                      | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,0000     |      | 4            | 0             | 22-10-2018         |
| F                | BW8                       | BMW - Dividend Future                      | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8500     |      | 4            | 0             | 22-10-2018         |
| F                | BW8                       | BMW - Dividend Future                      | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9000     |      | 4            | 0             | 22-10-2018         |
| F                | BW8                       | BMW - Dividend Future                      | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9000     |      | 4            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option                         | 16-11-2018  | 66,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,7000     |      | 9            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option                         | 16-11-2018  | 66,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2700     |      | 0            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option                         | 16-11-2018  | 68,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,8500     |      | 7            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option                         | 16-11-2018  | 68,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4300     |      | 0            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option                         | 16-11-2018  | 70,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,1700     |      | 5            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option                         | 16-11-2018  | 70,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7400     |      | 1            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option                         | 16-11-2018  | 72,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,6000     |      | 4            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option                         | 16-11-2018  | 72,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1800     |      | 1            | 7             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option                         | 16-11-2018  | 73,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9600     |      | 3            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option                         | 16-11-2018  | 73,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5400     |      | 2            | 10            | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option                         | 16-11-2018  | 74,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3700     |      | 2            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option                         | 16-11-2018  | 74,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9500     |      | 2            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option                         | 16-11-2018  | 75,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8400     |      | 2            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option                         | 16-11-2018  | 75,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4200     |      | 2            | 1             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option                         | 16-11-2018  | 76,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3900     |      | 1            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option                         | 16-11-2018  | 76,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9700     |      | 3            | 3             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option                         | 16-11-2018  | 77,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0000     |      | 1            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option                         | 16-11-2018  | 77,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5800     |      | 4            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option                         | 16-11-2018  | 78,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7200     |      | 1            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option                         | 16-11-2018  | 78,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,3100     |      | 4            | 2             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option                         | 16-11-2018  | 79,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5600     |      | 1            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option                         | 16-11-2018  | 79,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,1500     |      | 5            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option                         | 16-11-2018  | 80,0000        | C                 | EUR               | 0,5800 | 0,5800 | 0,5800 | 1           | 0,5800 | 0,3900     |      | 0            | 1             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option                         | 16-11-2018  | 80,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,9700     |      | 6            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option                         | 16-11-2018  | 81,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2700     |      | 0            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option                         | 16-11-2018  | 81,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,8500     |      | 7            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option                         | 16-11-2018  | 82,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2100     |      | 0            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option                         | 16-11-2018  | 82,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,7900     |      | 8            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option                         | 16-11-2018  | 83,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1500     |      | 0            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option                         | 16-11-2018  | 83,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,7300     |      | 9            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option                         | 16-11-2018  | 84,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     |      | 0            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option                         | 16-11-2018  | 84,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,6900     |      | 10           | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option                         | 16-11-2018  | 85,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     |      | 0            | 2             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option                         | 16-11-2018  | 85,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,6600    |      | 11           | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option                         | 16-11-2018  | 86,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     |      | 0            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option                         | 16-11-2018  | 86,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,6300    |      | 12           | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option                         | 16-11-2018  | 87,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     |      | 0            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option                         | 16-11-2018  | 87,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,6200    |      | 13           | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option                         | 16-11-2018  | 88,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option                         | 16-11-2018  | 88,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,6000    |      | 14           | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option                         | 16-11-2018  | 90,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option                         | 16-11-2018  | 90,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,5900    |      | 16           | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option                         | 16-11-2018  | 92,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option                         | 16-11-2018  | 92,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,5900    |      | 18           | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option                         | 16-11-2018  | 96,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option                         | 16-11-2018  | 96,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,5900    |      | 22           | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option                         | 21-12-2018  | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,6600    |      | 15           | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option                         | 21-12-2018  | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2500     |      | 0            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option                         | 21-12-2018  | 65,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,9700     |      | 10           | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option                         | 21-12-2018  | 65,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5700     |      | 1            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option                         | 21-12-2018  | 68,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,3600     |      | 7            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option                         | 21-12-2018  | 68,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9600     |      | 1            | 12            | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option                         | 21-12-2018  | 70,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,7700     |      | 6            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option                         | 21-12-2018  | 70,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3700     |      | 1            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option                         | 21-12-2018  | 72,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,3700     |      | 4            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option                         | 21-12-2018  | 72,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9700     |      | 2            | 170           | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option                         | 21-12-2018  | 73,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,7200     |      | 4            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option                         | 21-12-2018  | 73,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3300     |      | 2            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option                         | 21-12-2018  | 74,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1400     |      | 3            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option                         | 21-12-2018  | 74,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7400     |      | 3            | 21            | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option                         | 21-12-2018  | 75,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6300     |      | 3            | 1             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option                         | 21-12-2018  | 75,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2400     |      | 3            | 3             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option                         | 21-12-2018  | 76,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2000     |      | 2            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option                         | 21-12-2018  |                |                   |                   |        |        |        |             |        |            |      |              |               |                    |



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| Instrument Type* | Instrument Trading Symbol | Instrument Name    | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|--------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | BWQ                       | BMW - Stock Option | 15-3-2019   | 82,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,0500     |      | 9            | 0             | 1 22-10-2018       |
| O                | BWQ                       | BMW - Stock Option | 15-3-2019   | 84,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0100     |      | 1            | 0             | 59 22-10-2018      |
| O                | BWQ                       | BMW - Stock Option | 15-3-2019   | 84,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,6800    |      | 11           | 0             | 12 22-10-2018      |
| O                | BWQ                       | BMW - Stock Option | 15-3-2019   | 86,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7200     |      | 1            | 0             | 21 22-10-2018      |
| O                | BWQ                       | BMW - Stock Option | 15-3-2019   | 86,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,3900    |      | 12           | 0             | 1 22-10-2018       |
| O                | BWQ                       | BMW - Stock Option | 15-3-2019   | 88,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5200     |      | 1            | 0             | 78 22-10-2018      |
| O                | BWQ                       | BMW - Stock Option | 15-3-2019   | 88,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,1900    |      | 14           | 0             | 0 22-10-2018       |
| O                | BWQ                       | BMW - Stock Option | 15-3-2019   | 90,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3800     |      | 0            | 0             | 10 22-10-2018      |
| O                | BWQ                       | BMW - Stock Option | 15-3-2019   | 90,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,0500    |      | 16           | 0             | 0 22-10-2018       |
| O                | BWQ                       | BMW - Stock Option | 15-3-2019   | 92,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2600     |      | 0            | 0             | 26 22-10-2018      |
| O                | BWQ                       | BMW - Stock Option | 15-3-2019   | 92,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,9400    |      | 18           | 0             | 0 22-10-2018       |
| O                | BWQ                       | BMW - Stock Option | 15-3-2019   | 94,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2900     |      | 0            | 0             | 11 22-10-2018      |
| O                | BWQ                       | BMW - Stock Option | 15-3-2019   | 94,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 19,8800    |      | 20           | 0             | 0 22-10-2018       |
| O                | BWQ                       | BMW - Stock Option | 15-3-2019   | 96,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1500     |      | 0            | 0             | 10 22-10-2018      |
| O                | BWQ                       | BMW - Stock Option | 15-3-2019   | 96,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,8300    |      | 22           | 0             | 0 22-10-2018       |
| O                | BWQ                       | BMW - Stock Option | 15-3-2019   | 98,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     |      | 0            | 0             | 10 22-10-2018      |
| O                | BWQ                       | BMW - Stock Option | 15-3-2019   | 98,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 23,8000    |      | 24           | 0             | 0 22-10-2018       |
| O                | BWQ                       | BMW - Stock Option | 15-3-2019   | 100,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1000     |      | 0            | 0             | 20 22-10-2018      |
| O                | BWQ                       | BMW - Stock Option | 15-3-2019   | 100,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 25,7900    |      | 26           | 0             | 0 22-10-2018       |
| O                | BWQ                       | BMW - Stock Option | 15-3-2019   | 105,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     |      | 0            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option | 15-3-2019   | 105,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 30,7500    |      | 31           | 0             | 0 22-10-2018       |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 24,5600    |      | 25           | 0             | 0 22-10-2018       |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5200     |      | 1            | 0             | 0 22-10-2018       |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,1200    |      | 15           | 0             | 0 22-10-2018       |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6400     |      | 2            | 0             | 11 22-10-2018      |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 65,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,8900    |      | 11           | 0             | 0 22-10-2018       |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 65,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8500     |      | 3            | 0             | 20 22-10-2018      |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 68,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,6500     |      | 9            | 0             | 0 22-10-2018       |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 68,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9300     |      | 4            | 0             | 31 22-10-2018      |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 70,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,3000     |      | 7            | 0             | 0 22-10-2018       |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 70,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,8200     |      | 5            | 0             | 0 22-10-2018       |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 72,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,1100     |      | 6            | 0             | 0 22-10-2018       |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 72,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,8400     |      | 6            | 0             | 0 22-10-2018       |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 74,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,0200     |      | 5            | 0             | 0 22-10-2018       |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 74,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,9400     |      | 7            | 0             | 1 22-10-2018       |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 75,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,5700     |      | 5            | 0             | 0 22-10-2018       |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 75,0000        | P                 | EUR               | 7,5000 | 7,5000 | 7,5000 | 1           | 7,5000 | 7,6100     |      | 8            | 1             | 1 22-10-2018       |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 76,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,1100     |      | 4            | 0             | 0 22-10-2018       |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 76,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,2500     |      | 8            | 0             | 16 22-10-2018      |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 78,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3100     |      | 3            | 0             | 10 22-10-2018      |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 78,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,6100     |      | 10           | 0             | 13 22-10-2018      |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 80,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6000     |      | 3            | 0             | 0 22-10-2018       |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 80,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,0400    |      | 11           | 0             | 1 22-10-2018       |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 82,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0500     |      | 2            | 0             | 10 22-10-2018      |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 82,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,6500    |      | 13           | 0             | 0 22-10-2018       |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 84,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6000     |      | 2            | 0             | 0 22-10-2018       |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 84,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,2900    |      | 14           | 0             | 0 22-10-2018       |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 85,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4000     |      | 1            | 0             | 15 22-10-2018      |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 85,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,1500    |      | 15           | 0             | 1 22-10-2018       |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 86,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2400     |      | 1            | 0             | 12 22-10-2018      |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 86,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,0200    |      | 16           | 0             | 0 22-10-2018       |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 88,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9700     |      | 1            | 0             | 10 22-10-2018      |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 88,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,8300    |      | 18           | 0             | 0 22-10-2018       |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 90,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7400     |      | 1            | 0             | 20 22-10-2018      |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 90,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 19,6400    |      | 20           | 0             | 2 22-10-2018       |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 92,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5900     |      | 1            | 0             | 0 22-10-2018       |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 92,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,5400    |      | 22           | 0             | 0 22-10-2018       |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 95,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4200     |      | 0            | 0             | 1 22-10-2018       |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 95,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 24,4100    |      | 24           | 0             | 0 22-10-2018       |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 100,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2500     |      | 0            | 0             | 11 22-10-2018      |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 100,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 29,3000    |      | 29           | 0             | 0 22-10-2018       |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 105,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     |      | 0            | 0             | 20 22-10-2018      |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 105,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 34,1500    |      | 34           | 0             | 0 22-10-2018       |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 110,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     |      | 0            | 0             | 10 22-10-2018      |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 110,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 39,1300    |      | 39           | 0             | 0 22-10-2018       |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 120,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0 22-10-2018       |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 120,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 49,1300    |      | 49           | 0             | 0 22-10-2018       |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 150,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0 22-10-2018       |
| O                | BWQ                       | BMW - Stock Option | 21-6-2019   | 150,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 79,1900    |      | 79           | 0             | 0 22-10-2018       |
| O                | BWQ                       | BMW - Stock Option | 20-9-2019   | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,1900    |      | 15           | 0             | 0 22-10-2018       |
| O                | BWQ                       | BMW - Stock Option | 20-9-2019   | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1800     |      | 2            | 0             | 0 22-10-2018       |
| O                | BWQ                       | BMW - Stock Option | 20-9-2019   | 65,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,0300    |      | 11           | 0             | 0 22-10-2018       |
| O                | BWQ                       | BMW - Stock Option | 20-9-2019   | 65,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5500     |      | 4            | 0             | 0 22-10-2018       |
| O                | BWQ                       | BMW - Stock Option | 20-9-2019   | 68,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,8700     |      | 9            | 0             | 0 22-10-2018       |
| O                | BWQ                       | BMW - Stock Option | 20-9-2019   | 68,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,7200     |      | 5            | 0             | 0 22-10-2018       |
| O                | BWQ                       | BMW - Stock Option | 20-9-2019   | 70,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,5300     |      | 8            | 0             | 0 22-10-2018       |
| O                | BWQ                       | BMW - Stock Option | 20-9-2019   | 70,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,5700     |      | 6            | 0             | 0 22-10-2018       |
| O                | BWQ                       | BMW - Stock Option | 20-9-2019   | 72,0000        | C                 | EUR               | 0,0000 | 0      |        |             |        |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name    | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|--------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | BWQ                       | BMW - Stock Option | 20-9-2019   | 80,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0100     |      | 3            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option | 20-9-2019   | 80,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,8100    |      | 12           | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option | 20-9-2019   | 82,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4300     |      | 2            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option | 20-9-2019   | 82,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,3200    |      | 13           | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option | 20-9-2019   | 84,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9600     |      | 2            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option | 20-9-2019   | 84,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,9100    |      | 15           | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option | 20-9-2019   | 86,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5700     |      | 2            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option | 20-9-2019   | 86,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,5800    |      | 17           | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option | 20-9-2019   | 88,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2700     |      | 1            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option | 20-9-2019   | 88,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,3200    |      | 18           | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option | 20-9-2019   | 90,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0100     |      | 1            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option | 20-9-2019   | 90,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 20,0900    |      | 20           | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option | 20-9-2019   | 92,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8200     |      | 1            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option | 20-9-2019   | 92,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,9300    |      | 22           | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option | 20-9-2019   | 96,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5300     |      | 1            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option | 20-9-2019   | 96,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 25,6600    |      | 26           | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option | 20-9-2019   | 100,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3600     |      | 0            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option | 20-9-2019   | 100,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 29,5200    |      | 30           | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option | 20-12-2019  | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 24,5300    |      | 25           | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option | 20-12-2019  | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9100     |      | 1            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option | 20-12-2019  | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,3800    |      | 15           | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option | 20-12-2019  | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8100     |      | 3            | 41            | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option | 20-12-2019  | 65,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,3700    |      | 11           | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option | 20-12-2019  | 65,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,2900     |      | 4            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option | 20-12-2019  | 70,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,9900     |      | 8            | 2             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option | 20-12-2019  | 70,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,3800     |      | 6            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option | 20-12-2019  | 75,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,3200     |      | 5            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option | 20-12-2019  | 75,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,0600     |      | 9            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option | 20-12-2019  | 80,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5500     |      | 4            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option | 20-12-2019  | 80,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,5000    |      | 13           | 23            | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option | 20-12-2019  | 85,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1500     |      | 2            | 10            | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option | 20-12-2019  | 85,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,2300    |      | 16           | 1             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option | 20-12-2019  | 90,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4000     |      | 1            | 7             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option | 20-12-2019  | 90,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 20,5500    |      | 21           | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option | 20-12-2019  | 95,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9000     |      | 1            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option | 20-12-2019  | 95,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 25,0700    |      | 25           | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option | 20-12-2019  | 100,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5800     |      | 1            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option | 20-12-2019  | 100,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 29,7800    |      | 30           | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option | 20-12-2019  | 105,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3200     |      | 0            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option | 20-12-2019  | 105,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 34,5400    |      | 35           | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option | 20-12-2019  | 110,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2000     |      | 0            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option | 20-12-2019  | 110,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 39,4400    |      | 39           | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option | 20-12-2019  | 120,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     |      | 0            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option | 20-12-2019  | 120,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 49,3500    |      | 49           | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option | 20-12-2019  | 150,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option | 20-12-2019  | 150,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 79,3800    |      | 79           | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option | 19-6-2020   | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 24,5000    |      | 25           | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option | 19-6-2020   | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7100     |      | 2            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option | 19-6-2020   | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,4400    |      | 15           | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option | 19-6-2020   | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,5300     |      | 5            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option | 19-6-2020   | 65,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,4900    |      | 11           | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option | 19-6-2020   | 65,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,3900     |      | 6            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option | 19-6-2020   | 70,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,3200     |      | 8            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option | 19-6-2020   | 70,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,9700     |      | 9            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option | 19-6-2020   | 75,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,8200     |      | 6            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option | 19-6-2020   | 75,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,0400    |      | 12           | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option | 19-6-2020   | 80,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,2400     |      | 4            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option | 19-6-2020   | 80,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,8400    |      | 16           | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option | 19-6-2020   | 85,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5800     |      | 3            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option | 19-6-2020   | 85,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 19,4500    |      | 19           | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option | 19-6-2020   | 90,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6800     |      | 2            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option | 19-6-2020   | 90,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 23,7300    |      | 24           | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option | 19-6-2020   | 95,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1200     |      | 1            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option | 19-6-2020   | 95,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 28,2800    |      | 28           | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option | 19-6-2020   | 100,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9500     |      | 1            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option | 19-6-2020   | 100,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 33,1800    |      | 33           | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option | 19-6-2020   | 105,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5400     |      | 1            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option | 19-6-2020   | 105,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 37,8600    |      | 38           | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option | 19-6-2020   | 110,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3900     |      | 0            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option | 19-6-2020   | 110,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 42,7400    |      | 43           | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option | 19-6-2020   | 120,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2100     |      | 0            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option | 19-6-2020   | 120,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 52,6400    |      | 53           | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option | 19-6-2020   | 150,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     |      | 0            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option | 19-6-2020   | 150,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 82,6200    |      | 83           | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option | 18-12-2020  | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 24,5100    |      | 25           | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option | 18-12-2020  | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1900     |      | 2            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option | 18-12-2020  | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,5300    |      | 16           | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option | 18-12-2020  | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,2900     |      | 5            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option | 18-12-2020  | 6              |                   |                   |        |        |        |             |        |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name               | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|-------------------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | BWQ                       | BMW - Stock Option            | 18-12-2020  | 80,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,4900    | 16   | 0            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option            | 18-12-2020  | 85,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3400     | 3    | 0            | 3             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option            | 18-12-2020  | 85,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 20,3800    | 20   | 0            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option            | 18-12-2020  | 90,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4200     | 2    | 0            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option            | 18-12-2020  | 90,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 24,5600    | 25   | 0            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option            | 18-12-2020  | 95,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7500     | 2    | 0            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option            | 18-12-2020  | 95,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 28,9600    | 29   | 0            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option            | 18-12-2020  | 100,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2800     | 1    | 0            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option            | 18-12-2020  | 100,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 33,5400    | 34   | 0            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option            | 18-12-2020  | 105,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9300     | 1    | 0            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option            | 18-12-2020  | 105,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 38,2200    | 38   | 0            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option            | 18-12-2020  | 110,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6500     | 1    | 0            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option            | 18-12-2020  | 110,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 42,9800    | 43   | 0            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option            | 18-12-2020  | 120,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3400     | 0    | 0            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option            | 18-12-2020  | 120,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 52,7100    | 53   | 0            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option            | 18-12-2020  | 150,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option            | 18-12-2020  | 150,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 82,5400    | 83   | 0            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option            | 18-6-2021   | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 24,5200    | 25   | 0            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option            | 18-6-2021   | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4300     | 3    | 0            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option            | 18-6-2021   | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,5500    | 16   | 0            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option            | 18-6-2021   | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,1200     | 7    | 0            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option            | 18-6-2021   | 65,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,8700    | 12   | 0            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option            | 18-6-2021   | 65,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,5400     | 10   | 0            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option            | 18-6-2021   | 70,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,9100     | 9    | 0            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option            | 18-6-2021   | 70,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,3800    | 12   | 0            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option            | 18-6-2021   | 75,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,5900     | 7    | 0            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option            | 18-6-2021   | 75,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,6400    | 16   | 0            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option            | 18-6-2021   | 80,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,8200     | 5    | 0            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option            | 18-6-2021   | 80,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 19,2700    | 19   | 0            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option            | 18-6-2021   | 85,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,6100     | 4    | 0            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option            | 18-6-2021   | 85,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 23,3200    | 23   | 0            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option            | 18-6-2021   | 90,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7100     | 3    | 0            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option            | 18-6-2021   | 90,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 27,5800    | 28   | 0            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option            | 18-6-2021   | 95,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0100     | 2    | 0            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option            | 18-6-2021   | 95,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 32,0000    | 32   | 0            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option            | 18-6-2021   | 100,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5100     | 2    | 0            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option            | 18-6-2021   | 100,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 36,6100    | 37   | 0            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option            | 18-6-2021   | 150,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     | 0    | 0            | 0             | 22-10-2018         |
| O                | BWQ                       | BMW - Stock Option            | 18-6-2021   | 150,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 85,5000    | 86   | 0            | 0             | 22-10-2018         |
| F                | BX6                       | BAE Systems - Stock Future    | 16-11-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 540,0000   | 540  | 0            | 0             | 22-10-2018         |
| F                | BX6                       | BAE Systems - Stock Future    | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 540,3300   | 540  | 0            | 0             | 22-10-2018         |
| F                | BX6                       | BAE Systems - Stock Future    | 18-1-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 540,6200   | 541  | 0            | 0             | 22-10-2018         |
| F                | BX6                       | BAE Systems - Stock Future    | 15-3-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 541,2300   | 541  | 0            | 0             | 22-10-2018         |
| F                | BX6                       | BAE Systems - Stock Future    | 21-6-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 529,1000   | 529  | 0            | 0             | 22-10-2018         |
| F                | BX6                       | BAE Systems - Stock Future    | 20-9-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 530,2800   | 530  | 0            | 0             | 22-10-2018         |
| F                | BX8                       | BAE Systems - Dividend Future | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,0000    | 22   | 0            | 0             | 22-10-2018         |
| F                | BX8                       | BAE Systems - Dividend Future | 20-12-2019  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,5000    | 23   | 0            | 0             | 22-10-2018         |
| F                | BX8                       | BAE Systems - Dividend Future | 18-12-2020  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 23,0000    | 23   | 0            | 0             | 22-10-2018         |
| F                | BX8                       | BAE Systems - Dividend Future | 17-12-2021  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 23,0000    | 23   | 0            | 0             | 22-10-2018         |
| F                | BX8                       | BAE Systems - Dividend Future | 16-12-2022  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 23,0000    | 23   | 0            | 0             | 22-10-2018         |
| F                | BY6                       | Bayer AG - Stock Future       | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 76,5190    | 77   | 0            | 0             | 22-10-2018         |
| F                | BY6                       | Bayer AG - Stock Future       | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 76,4897    | 76   | 0            | 0             | 22-10-2018         |
| F                | BY6                       | Bayer AG - Stock Future       | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 76,4662    | 76   | 0            | 0             | 22-10-2018         |
| F                | BY6                       | Bayer AG - Stock Future       | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 76,4404    | 76   | 0            | 0             | 22-10-2018         |
| F                | BY6                       | Bayer AG - Stock Future       | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 74,1238    | 74   | 0            | 0             | 22-10-2018         |
| F                | BY6                       | Bayer AG - Stock Future       | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 74,0629    | 74   | 0            | 0             | 22-10-2018         |
| F                | BY8                       | Bayer - Dividend Future       | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7555     | 3    | 0            | 0             | 22-10-2018         |
| F                | BY8                       | Bayer - Dividend Future       | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7750     | 3    | 0            | 20            | 22-10-2018         |
| F                | BY8                       | Bayer - Dividend Future       | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7500     | 3    | 0            | 20            | 22-10-2018         |
| F                | BY8                       | Bayer - Dividend Future       | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4400     | 3    | 0            | 0             | 22-10-2018         |
| F                | BY8                       | Bayer - Dividend Future       | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4400     | 3    | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option          | 16-11-2018  | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,7300    | 17   | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option          | 16-11-2018  | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2000     | 0    | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option          | 16-11-2018  | 64,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,8300    | 13   | 0            | 25            | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option          | 16-11-2018  | 64,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3000     | 0    | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option          | 16-11-2018  | 66,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,9300    | 11   | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option          | 16-11-2018  | 66,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4000     | 0    | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option          | 16-11-2018  | 68,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,0900     | 9    | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option          | 16-11-2018  | 68,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5700     | 1    | 0            | 1             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option          | 16-11-2018  | 69,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,2000     | 8    | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option          | 16-11-2018  | 69,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6800     | 1    | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option          | 16-11-2018  | 70,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,3800     | 7    | 0            | 1             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option          | 16-11-2018  | 70,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8600     | 1    | 0            | 2             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option          | 16-11-2018  | 71,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,5600     | 7    | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option          | 16-11-2018  | 71,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0400     | 1    | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option          | 16-11-2018  | 72,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,8200     | 6    | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option          | 16-11-2018  | 72,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3000     | 1    | 0            | 261           | 22-10-2018         |
| O                |                           |                               |             |                |                   |                   |        |        |        |             |        |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name      | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |            |
|------------------|---------------------------|----------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|------------|
| O                | BYQ                       | Bayer - Stock Option | 16-11-2018  | 77,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8400     |      | 3            | 0             | 22-10-2018         |            |
| O                | BYQ                       | Bayer - Stock Option | 16-11-2018  | 77,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3200     |      | 3            | 0             | 22-10-2018         |            |
| O                | BYQ                       | Bayer - Stock Option | 16-11-2018  | 78,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3800     |      | 2            | 0             | 22-10-2018         |            |
| O                | BYQ                       | Bayer - Stock Option | 16-11-2018  | 78,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8600     |      | 4            | 0             | 22-10-2018         |            |
| O                | BYQ                       | Bayer - Stock Option | 16-11-2018  | 79,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0100     |      | 2            | 0             | 22-10-2018         |            |
| O                | BYQ                       | Bayer - Stock Option | 16-11-2018  | 79,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,4900     |      | 4            | 0             | 22-10-2018         |            |
| O                | BYQ                       | Bayer - Stock Option | 16-11-2018  | 80,0000        | C                 | EUR               | 1,7600 | 1,7900 | 1,7600 | 2           | 1,7900 | 1,6200     |      | 2            | 12            | 37                 | 22-10-2018 |
| O                | BYQ                       | Bayer - Stock Option | 16-11-2018  | 80,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,1100     |      | 5            | 0             | 1                  | 22-10-2018 |
| O                | BYQ                       | Bayer - Stock Option | 16-11-2018  | 81,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3200     |      | 1            | 0             | 0                  | 22-10-2018 |
| O                | BYQ                       | Bayer - Stock Option | 16-11-2018  | 81,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,8000     |      | 6            | 0             | 0                  | 22-10-2018 |
| O                | BYQ                       | Bayer - Stock Option | 16-11-2018  | 82,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0800     |      | 1            | 0             | 25                 | 22-10-2018 |
| O                | BYQ                       | Bayer - Stock Option | 16-11-2018  | 82,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,5600     |      | 7            | 0             | 0                  | 22-10-2018 |
| O                | BYQ                       | Bayer - Stock Option | 16-11-2018  | 83,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8600     |      | 1            | 0             | 0                  | 22-10-2018 |
| O                | BYQ                       | Bayer - Stock Option | 16-11-2018  | 83,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,3500     |      | 7            | 0             | 0                  | 22-10-2018 |
| O                | BYQ                       | Bayer - Stock Option | 16-11-2018  | 84,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7000     |      | 1            | 0             | 0                  | 22-10-2018 |
| O                | BYQ                       | Bayer - Stock Option | 16-11-2018  | 84,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,1900     |      | 8            | 0             | 0                  | 22-10-2018 |
| O                | BYQ                       | Bayer - Stock Option | 16-11-2018  | 85,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5500     |      | 1            | 0             | 2                  | 22-10-2018 |
| O                | BYQ                       | Bayer - Stock Option | 16-11-2018  | 85,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,0400     |      | 9            | 0             | 0                  | 22-10-2018 |
| O                | BYQ                       | Bayer - Stock Option | 16-11-2018  | 86,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4500     |      | 0            | 0             | 1                  | 22-10-2018 |
| O                | BYQ                       | Bayer - Stock Option | 16-11-2018  | 86,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,9300     |      | 10           | 0             | 0                  | 22-10-2018 |
| O                | BYQ                       | Bayer - Stock Option | 16-11-2018  | 88,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2900     |      | 0            | 0             | 1                  | 22-10-2018 |
| O                | BYQ                       | Bayer - Stock Option | 16-11-2018  | 88,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,7700    |      | 12           | 0             | 0                  | 22-10-2018 |
| O                | BYQ                       | Bayer - Stock Option | 16-11-2018  | 90,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1800     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | BYQ                       | Bayer - Stock Option | 16-11-2018  | 90,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,6700    |      | 14           | 0             | 0                  | 22-10-2018 |
| O                | BYQ                       | Bayer - Stock Option | 16-11-2018  | 92,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | BYQ                       | Bayer - Stock Option | 16-11-2018  | 92,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,6100    |      | 16           | 0             | 0                  | 22-10-2018 |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 58,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,7800    |      | 19           | 0             | 0                  | 22-10-2018 |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 58,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2600     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 59,0500        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,7700    |      | 18           | 0             | 0                  | 22-10-2018 |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 59,0500        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3100     |      | 0            | 5             | 22-10-2018         |            |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 65,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,2200    |      | 12           | 0             | 0                  | 22-10-2018 |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 65,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7100     |      | 1            | 0             | 1                  | 22-10-2018 |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 66,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,3400    |      | 11           | 0             | 0                  | 22-10-2018 |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 66,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8400     |      | 1            | 0             | 0                  | 22-10-2018 |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 68,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,6600     |      | 10           | 0             | 0                  | 22-10-2018 |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 68,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1500     |      | 1            | 0             | 1                  | 22-10-2018 |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 70,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,0600     |      | 8            | 0             | 0                  | 22-10-2018 |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 70,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5600     |      | 2            | 0             | 19                 | 22-10-2018 |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 72,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,5800     |      | 7            | 0             | 25                 | 22-10-2018 |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 72,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0900     |      | 2            | 0             | 275                | 22-10-2018 |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 73,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,9300     |      | 6            | 0             | 0                  | 22-10-2018 |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 73,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4300     |      | 2            | 0             | 0                  | 22-10-2018 |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 73,8100        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,3900     |      | 5            | 0             | 0                  | 22-10-2018 |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 73,8100        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7000     |      | 3            | 0             | 145                | 22-10-2018 |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 75,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,6900     |      | 5            | 0             | 0                  | 22-10-2018 |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 75,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2000     |      | 3            | 0             | 0                  | 22-10-2018 |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 76,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,1300     |      | 4            | 0             | 2                  | 22-10-2018 |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 76,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,6400     |      | 4            | 0             | 8                  | 22-10-2018 |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 77,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,6300     |      | 4            | 0             | 0                  | 22-10-2018 |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 77,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,1300     |      | 4            | 0             | 0                  | 22-10-2018 |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 78,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1800     |      | 3            | 0             | 0                  | 22-10-2018 |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 78,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,6900     |      | 5            | 0             | 0                  | 22-10-2018 |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 78,7300        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8500     |      | 3            | 0             | 2                  | 22-10-2018 |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 78,7300        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,0900     |      | 5            | 0             | 40                 | 22-10-2018 |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 80,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3700     |      | 2            | 0             | 40                 | 22-10-2018 |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 80,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,8800     |      | 6            | 0             | 3                  | 22-10-2018 |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 81,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0300     |      | 2            | 0             | 0                  | 22-10-2018 |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 81,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,5400     |      | 7            | 0             | 0                  | 22-10-2018 |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 82,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7500     |      | 2            | 0             | 4                  | 22-10-2018 |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 82,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,2700     |      | 7            | 0             | 2                  | 22-10-2018 |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 83,6500        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3300     |      | 1            | 0             | 23                 | 22-10-2018 |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 83,6500        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,5000     |      | 9            | 0             | 63                 | 22-10-2018 |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 84,6300        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1100     |      | 1            | 0             | 6                  | 22-10-2018 |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 84,6300        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,2600     |      | 9            | 0             | 61                 | 22-10-2018 |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 86,6000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8100     |      | 1            | 0             | 18                 | 22-10-2018 |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 86,6000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,9200    |      | 11           | 0             | 165                | 22-10-2018 |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 88,5700        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5500     |      | 1            | 0             | 52                 | 22-10-2018 |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 88,5700        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,6400    |      | 13           | 0             | 50                 | 22-10-2018 |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 90,5400        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3800     |      | 0            | 0             | 57                 | 22-10-2018 |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 90,5400        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,4400    |      | 14           | 0             | 26                 | 22-10-2018 |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 92,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2600     |      | 0            | 0             | 10                 | 22-10-2018 |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 92,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,2800    |      | 16           | 0             | 73                 | 22-10-2018 |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 93,4900        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2300     |      | 0            | 0             | 46                 | 22-10-2018 |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 93,4900        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,2400    |      | 17           | 0             | 13                 | 22-10-2018 |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 94,4700        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1500     |      | 0            | 0             | 15                 | 22-10-2018 |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 94,4700        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           |        |            |      |              |               |                    |            |



| Instrument Type* | Instrument Trading Symbol | Instrument Name      | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|----------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 103,3300       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 26,8700    |      | 27           | 0             | 2 22-10-2018       |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 104,3100       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 1 22-10-2018       |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 104,3100       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 27,8500    |      | 28           | 0             | 25 22-10-2018      |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 106,2800       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 1 22-10-2018       |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 106,2800       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 29,8200    |      | 30           | 0             | 0 22-10-2018       |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 108,2500       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 62 22-10-2018      |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 108,2500       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 31,7800    |      | 32           | 0             | 0 22-10-2018       |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 110,2200       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 15 22-10-2018      |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 110,2200       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 33,7500    |      | 34           | 0             | 0 22-10-2018       |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 113,1700       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 19 22-10-2018      |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 113,1700       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 36,7100    |      | 37           | 0             | 150 22-10-2018     |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 118,0900       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0 22-10-2018       |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 118,0900       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 41,6300    |      | 42           | 0             | 0 22-10-2018       |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 127,9300       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0 22-10-2018       |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 127,9300       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 51,4700    |      | 51           | 0             | 0 22-10-2018       |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 137,7700       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0 22-10-2018       |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 137,7700       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 61,3200    |      | 61           | 0             | 0 22-10-2018       |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 147,6100       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0 22-10-2018       |
| O                | BYQ                       | Bayer - Stock Option | 21-12-2018  | 147,6100       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 71,1700    |      | 71           | 0             | 0 22-10-2018       |
| O                | BYQ                       | Bayer - Stock Option | 18-1-2019   | 68,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,8800     |      | 10           | 0             | 0 22-10-2018       |
| O                | BYQ                       | Bayer - Stock Option | 18-1-2019   | 68,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4000     |      | 1            | 0             | 0 22-10-2018       |
| O                | BYQ                       | Bayer - Stock Option | 18-1-2019   | 72,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,9300     |      | 7            | 0             | 0 22-10-2018       |
| O                | BYQ                       | Bayer - Stock Option | 18-1-2019   | 72,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4600     |      | 2            | 0             | 0 22-10-2018       |
| O                | BYQ                       | Bayer - Stock Option | 18-1-2019   | 74,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,6200     |      | 6            | 0             | 0 22-10-2018       |
| O                | BYQ                       | Bayer - Stock Option | 18-1-2019   | 74,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1500     |      | 3            | 0             | 0 22-10-2018       |
| O                | BYQ                       | Bayer - Stock Option | 18-1-2019   | 76,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,5100     |      | 5            | 0             | 0 22-10-2018       |
| O                | BYQ                       | Bayer - Stock Option | 18-1-2019   | 76,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,0400     |      | 4            | 0             | 0 22-10-2018       |
| O                | BYQ                       | Bayer - Stock Option | 18-1-2019   | 77,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,0000     |      | 4            | 0             | 0 22-10-2018       |
| O                | BYQ                       | Bayer - Stock Option | 18-1-2019   | 77,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,5400     |      | 5            | 0             | 0 22-10-2018       |
| O                | BYQ                       | Bayer - Stock Option | 18-1-2019   | 78,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5600     |      | 4            | 0             | 0 22-10-2018       |
| O                | BYQ                       | Bayer - Stock Option | 18-1-2019   | 78,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,0900     |      | 5            | 0             | 0 22-10-2018       |
| O                | BYQ                       | Bayer - Stock Option | 18-1-2019   | 79,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0900     |      | 3            | 0             | 0 22-10-2018       |
| O                | BYQ                       | Bayer - Stock Option | 18-1-2019   | 79,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,6200     |      | 6            | 0             | 0 22-10-2018       |
| O                | BYQ                       | Bayer - Stock Option | 18-1-2019   | 80,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7200     |      | 3            | 0             | 0 22-10-2018       |
| O                | BYQ                       | Bayer - Stock Option | 18-1-2019   | 80,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,2500     |      | 6            | 0             | 0 22-10-2018       |
| O                | BYQ                       | Bayer - Stock Option | 18-1-2019   | 82,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0600     |      | 2            | 0             | 0 22-10-2018       |
| O                | BYQ                       | Bayer - Stock Option | 18-1-2019   | 82,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,6000     |      | 8            | 0             | 0 22-10-2018       |
| O                | BYQ                       | Bayer - Stock Option | 18-1-2019   | 84,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5300     |      | 2            | 0             | 0 22-10-2018       |
| O                | BYQ                       | Bayer - Stock Option | 18-1-2019   | 84,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,0700     |      | 9            | 0             | 0 22-10-2018       |
| O                | BYQ                       | Bayer - Stock Option | 18-1-2019   | 88,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7600     |      | 1            | 0             | 0 22-10-2018       |
| O                | BYQ                       | Bayer - Stock Option | 18-1-2019   | 88,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,3100    |      | 12           | 0             | 0 22-10-2018       |
| O                | BYQ                       | Bayer - Stock Option | 15-3-2019   | 58,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 19,0800    |      | 19           | 0             | 0 22-10-2018       |
| O                | BYQ                       | Bayer - Stock Option | 15-3-2019   | 58,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6000     |      | 1            | 0             | 0 22-10-2018       |
| O                | BYQ                       | Bayer - Stock Option | 15-3-2019   | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,3000    |      | 17           | 0             | 0 22-10-2018       |
| O                | BYQ                       | Bayer - Stock Option | 15-3-2019   | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8200     |      | 1            | 0             | 0 22-10-2018       |
| O                | BYQ                       | Bayer - Stock Option | 15-3-2019   | 65,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,9500    |      | 13           | 0             | 0 22-10-2018       |
| O                | BYQ                       | Bayer - Stock Option | 15-3-2019   | 65,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4800     |      | 1            | 0             | 115 22-10-2018     |
| O                | BYQ                       | Bayer - Stock Option | 15-3-2019   | 66,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,1500    |      | 12           | 0             | 0 22-10-2018       |
| O                | BYQ                       | Bayer - Stock Option | 15-3-2019   | 66,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6900     |      | 2            | 0             | 0 22-10-2018       |
| O                | BYQ                       | Bayer - Stock Option | 15-3-2019   | 68,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,5800    |      | 11           | 0             | 0 22-10-2018       |
| O                | BYQ                       | Bayer - Stock Option | 15-3-2019   | 68,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1200     |      | 2            | 0             | 0 22-10-2018       |
| O                | BYQ                       | Bayer - Stock Option | 15-3-2019   | 70,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,1000     |      | 9            | 0             | 0 22-10-2018       |
| O                | BYQ                       | Bayer - Stock Option | 15-3-2019   | 70,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6400     |      | 3            | 0             | 2 22-10-2018       |
| O                | BYQ                       | Bayer - Stock Option | 15-3-2019   | 72,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,7500     |      | 8            | 0             | 2 22-10-2018       |
| O                | BYQ                       | Bayer - Stock Option | 15-3-2019   | 72,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3000     |      | 3            | 0             | 8 22-10-2018       |
| O                | BYQ                       | Bayer - Stock Option | 15-3-2019   | 73,8100        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,6300     |      | 7            | 0             | 1 22-10-2018       |
| O                | BYQ                       | Bayer - Stock Option | 15-3-2019   | 73,8100        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9900     |      | 4            | 0             | 8 22-10-2018       |
| O                | BYQ                       | Bayer - Stock Option | 15-3-2019   | 76,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,3900     |      | 5            | 0             | 0 22-10-2018       |
| O                | BYQ                       | Bayer - Stock Option | 15-3-2019   | 76,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,9400     |      | 5            | 0             | 3 22-10-2018       |
| O                | BYQ                       | Bayer - Stock Option | 15-3-2019   | 78,7300        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,1000     |      | 4            | 0             | 14 22-10-2018      |
| O                | BYQ                       | Bayer - Stock Option | 15-3-2019   | 78,7300        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,3900     |      | 6            | 0             | 6 22-10-2018       |
| O                | BYQ                       | Bayer - Stock Option | 15-3-2019   | 80,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5700     |      | 4            | 0             | 127 22-10-2018     |
| O                | BYQ                       | Bayer - Stock Option | 15-3-2019   | 80,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,1300     |      | 7            | 0             | 0 22-10-2018       |
| O                | BYQ                       | Bayer - Stock Option | 15-3-2019   | 82,6600        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6300     |      | 3            | 0             | 3 22-10-2018       |
| O                | BYQ                       | Bayer - Stock Option | 15-3-2019   | 82,6600        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,8600     |      | 9            | 0             | 4 22-10-2018       |
| O                | BYQ                       | Bayer - Stock Option | 15-3-2019   | 84,6300        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1000     |      | 2            | 0             | 25 22-10-2018      |
| O                | BYQ                       | Bayer - Stock Option | 15-3-2019   | 84,6300        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,2900    |      | 10           | 0             | 0 22-10-2018       |
| O                | BYQ                       | Bayer - Stock Option | 15-3-2019   | 86,6000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6500     |      | 2            | 0             | 40 22-10-2018      |
| O                | BYQ                       | Bayer - Stock Option | 15-3-2019   | 86,6000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,8200    |      | 12           | 0             | 10 22-10-2018      |
| O                | BYQ                       | Bayer - Stock Option | 15-3-2019   | 88,5700        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2800     |      | 1            | 0             | 12 22-10-2018      |
| O                | BYQ                       | Bayer - Stock Option | 15-3-2019   | 88,5700        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,4200    |      | 13           | 0             | 25 22-10-2018      |
| O                | BYQ                       | Bayer - Stock Option | 15-3-2019   | 90,5400        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9700     |      | 1            | 0             | 11 22-10-2018      |
| O                | BYQ                       | Bayer - Stock Option | 15-3-2019   | 90,5400        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,0900    |      | 15           | 0             | 1 22-10-2018       |
| O                | BYQ                       | Bayer - Stock Option | 15-3-2019   | 92,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7600     |      | 1            | 0             | 32 22-10-2018      |
| O                | BYQ                       | Bayer - Stock Option | 15-3-2019   | 92,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,8400    |      | 17           | 0             | 4 22-10-2018       |
| O                | BYQ                       | Bayer - Stock Option | 15-3-2019   | 94,4700        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5800     |      | 1            | 0             | 21 22-10-2018      |
| O                | BYQ                       | Bayer - Stock Option | 15-3-2019   | 94,4700        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,6300    |      | 19           | 0             | 1 22-10-2018       |
| O                | BYQ                       | Bayer - Stock Option | 15-3-2019   | 96,4400        | C                 | EUR               | 0,0000 |        |        |             |        |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name      | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open    | High    | Low     | Trade Count | Close   | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|----------------------|-------------|----------------|-------------------|-------------------|---------|---------|---------|-------------|---------|------------|------|--------------|---------------|--------------------|
| O                | BYQ                       | Bayer - Stock Option | 15-3-2019   | 103,3300       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1700     | 0    | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 15-3-2019   | 103,3300       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 27,0900    | 27   | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 15-3-2019   | 104,3100       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1600     | 0    | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 15-3-2019   | 104,3100       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 28,0600    | 28   | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 15-3-2019   | 106,2800       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1300     | 0    | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 15-3-2019   | 106,2800       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 30,0100    | 30   | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 15-3-2019   | 108,2500       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1000     | 0    | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 15-3-2019   | 108,2500       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 31,9500    | 32   | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 15-3-2019   | 110,2200       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0800     | 0    | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 15-3-2019   | 110,2200       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 33,9000    | 34   | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 15-3-2019   | 113,1700       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0500     | 0    | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 15-3-2019   | 113,1700       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 36,8300    | 37   | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 15-3-2019   | 118,0900       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0300     | 0    | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 15-3-2019   | 118,0900       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 41,7300    | 42   | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 15-3-2019   | 127,9300       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 15-3-2019   | 127,9300       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 51,5700    | 52   | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 58,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 19,2300    | 19   | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 58,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,4200     | 1    | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 59,0500        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 18,2900    | 18   | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 59,0500        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,5800     | 2    | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 65,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 13,2500    | 13   | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 65,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,8500     | 3    | 2            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 66,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,4700    | 12   | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 66,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,1300     | 3    | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 68,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,9900    | 11   | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 68,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,7800     | 4    | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 68,8900        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,3500    | 10   | 0            | 27            | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 68,8900        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,0900     | 4    | 0            | 7             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 70,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 9,5800     | 10   | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 70,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,4900     | 4    | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 72,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,2600     | 8    | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 72,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,3100     | 5    | 0            | 5             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 74,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,1000     | 7    | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 74,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,2500     | 6    | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 75,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,5900     | 7    | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 75,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,8100     | 7    | 0            | 53            | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 76,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,0900     | 6    | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 76,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,3900     | 7    | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 78,7300        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,7900     | 5    | 0            | 16            | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 78,7300        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,9500     | 9    | 0            | 1             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 80,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,2400     | 4    | 0            | 14            | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 80,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 9,7200     | 10   | 0            | 1             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 82,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,5000     | 4    | 0            | 10            | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 82,0000        | P                 | EUR               | 10,9000 | 10,9000 | 10,9000 | 1           | 10,9000 | 11,0600    | 11   | 1            | 2             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 83,6500        | C                 | EUR               | 3,0000  | 3,0000  | 3,0000  | 1           | 3,0000  | 2,9600     | 3    | 1            | 6             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 83,6500        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,2400    | 12   | 0            | 5             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 86,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,3300     | 2    | 0            | 10            | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 86,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 14,0400    | 14   | 0            | 1             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 88,5700        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,7600     | 2    | 0            | 122           | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 88,5700        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 16,0900    | 16   | 0            | 5             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 90,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,5000     | 2    | 0            | 360           | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 90,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 17,3000    | 17   | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 92,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,2100     | 1    | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 92,0000        | P                 | EUR               | 18,8000 | 18,8000 | 18,8000 | 1           | 18,8000 | 19,0300    | 19   | 1            | 1             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 93,4900        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,0200     | 1    | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 93,4900        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 20,3600    | 20   | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 96,0000        | C                 | EUR               | 0,8400  | 0,8400  | 0,8400  | 1           | 0,8400  | 0,7500     | 1    | 1000         | 1002          | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 96,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 22,6300    | 23   | 0            | 2             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 98,4100        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,5600     | 1    | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 98,4100        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 24,8700    | 25   | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 100,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,4600     | 0    | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 100,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 26,3600    | 26   | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 102,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3700     | 0    | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 102,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 28,2900    | 28   | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 103,3300       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3200     | 0    | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 103,3300       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 29,5700    | 30   | 0            | 1             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 108,2500       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1900     | 0    | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 108,2500       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 34,3800    | 34   | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 113,1700       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0300     | 0    | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 113,1700       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 39,1600    | 39   | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 118,0900       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0200     | 0    | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 118,0900       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 44,0800    | 44   | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 127,9300       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 127,9300       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 53,9300    | 54   | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 137,7700       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 21-6-2019   | 137,7700       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 63,7900    | 64   | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 20-9-2019   | 60,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 17,5900    | 18   | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 20-9-2019   | 60,00          |                   |                   |         |         |         |             |         |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name      | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|----------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | BYQ                       | Bayer - Stock Option | 20-9-2019   | 72,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,2100     |      | 6            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 20-9-2019   | 74,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,5900     |      | 8            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 20-9-2019   | 74,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,1300     |      | 7            | 1             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 20-9-2019   | 76,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,6000     |      | 7            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 20-9-2019   | 76,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,2200     |      | 8            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 20-9-2019   | 78,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,6000     |      | 6            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 20-9-2019   | 78,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,3000     |      | 9            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 20-9-2019   | 80,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,7800     |      | 5            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 20-9-2019   | 80,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,5300    |      | 11           | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 20-9-2019   | 82,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,0500     |      | 4            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 20-9-2019   | 82,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,8600    |      | 12           | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 20-9-2019   | 84,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3800     |      | 3            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 20-9-2019   | 84,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,2300    |      | 13           | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 20-9-2019   | 88,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3500     |      | 2            | 73            | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 20-9-2019   | 88,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,2700    |      | 16           | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 20-9-2019   | 90,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9500     |      | 2            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 20-9-2019   | 90,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,8900    |      | 18           | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 20-12-2019  | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 26,7500    |      | 27           | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 20-12-2019  | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0100     |      | 1            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 20-12-2019  | 55,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,1700    |      | 22           | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 20-12-2019  | 55,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8100     |      | 2            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 20-12-2019  | 59,0500        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,6700    |      | 19           | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 20-12-2019  | 59,0500        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6500     |      | 3            | 50            | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 20-12-2019  | 65,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,9800    |      | 14           | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 20-12-2019  | 65,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,2800     |      | 4            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 20-12-2019  | 68,8900        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,2800    |      | 11           | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 20-12-2019  | 68,8900        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,6800     |      | 6            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 20-12-2019  | 75,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,6600     |      | 8            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 20-12-2019  | 75,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,4300     |      | 8            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 20-12-2019  | 78,7300        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,8700     |      | 6            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 20-12-2019  | 78,7300        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,4600    |      | 10           | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 20-12-2019  | 83,6500        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,0300     |      | 4            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 20-12-2019  | 83,6500        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,6200    |      | 14           | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 20-12-2019  | 88,5700        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6800     |      | 3            | 2             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 20-12-2019  | 88,5700        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,2400    |      | 17           | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 20-12-2019  | 93,4900        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7300     |      | 2            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 20-12-2019  | 93,4900        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,2400    |      | 21           | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 20-12-2019  | 98,4100        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0600     |      | 1            | 11            | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 20-12-2019  | 98,4100        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 25,5100    |      | 26           | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 20-12-2019  | 103,3300       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6600     |      | 1            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 20-12-2019  | 103,3300       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 30,0500    |      | 30           | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 20-12-2019  | 108,2500       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4000     |      | 0            | 1             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 20-12-2019  | 108,2500       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 34,7300    |      | 35           | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 20-12-2019  | 113,1700       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2400     |      | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 20-12-2019  | 113,1700       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 39,5000    |      | 40           | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 20-12-2019  | 118,0900       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1400     |      | 0            | 5             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 20-12-2019  | 118,0900       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 44,3400    |      | 44           | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 20-12-2019  | 127,9300       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     |      | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 20-12-2019  | 127,9300       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 54,1200    |      | 54           | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 20-12-2019  | 137,7700       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 20-12-2019  | 137,7700       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 63,9700    |      | 64           | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 19-6-2020   | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 26,7100    |      | 27           | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 19-6-2020   | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8600     |      | 2            | 1             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 19-6-2020   | 55,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,2100    |      | 22           | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 19-6-2020   | 55,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1300     |      | 3            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 19-6-2020   | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,1600    |      | 18           | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 19-6-2020   | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,8200     |      | 5            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 19-6-2020   | 65,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,4700    |      | 14           | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 19-6-2020   | 65,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,6900     |      | 7            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 19-6-2020   | 70,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,2200    |      | 11           | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 19-6-2020   | 70,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,8900     |      | 9            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 19-6-2020   | 75,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,5200     |      | 9            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 19-6-2020   | 75,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,5600    |      | 12           | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 19-6-2020   | 80,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,2600     |      | 6            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 19-6-2020   | 80,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,5900    |      | 15           | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 19-6-2020   | 85,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,5000     |      | 5            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 19-6-2020   | 85,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,0600    |      | 18           | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 19-6-2020   | 90,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2400     |      | 3            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 19-6-2020   | 90,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,9700    |      | 22           | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 19-6-2020   | 95,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3300     |      | 2            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 19-6-2020   | 95,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 26,1900    |      | 26           | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 19-6-2020   | 100,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6700     |      | 2            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 19-6-2020   | 100,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 30,6200    |      | 31           | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 19-6-2020   | 105,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1900     |      | 1            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 19-6-2020   | 105,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 35,2200    |      | 35           | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 19-6-2020   | 110,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8600     |      | 1            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 19-6-2020   | 110,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 39,9500    |      | 40           | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 19-6-2020   | 115,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6100     |      | 1            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option | 19-6-2020   | 115,000        |                   |                   |        |        |        |             |        |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name                | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|--------------------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | BYQ                       | Bayer - Stock Option           | 18-12-2020  | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 26,8000    | 27   | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option           | 18-12-2020  | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5100     | 3    | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option           | 18-12-2020  | 55,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,4000    | 22   | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option           | 18-12-2020  | 55,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9500     | 4    | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option           | 18-12-2020  | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,4600    | 18   | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option           | 18-12-2020  | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,7000     | 6    | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option           | 18-12-2020  | 65,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,9500    | 15   | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option           | 18-12-2020  | 65,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,7000     | 8    | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option           | 18-12-2020  | 70,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,8800    | 12   | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option           | 18-12-2020  | 70,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,0200    | 10   | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option           | 18-12-2020  | 75,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,2200     | 9    | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option           | 18-12-2020  | 75,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,6400    | 13   | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option           | 18-12-2020  | 80,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,0500     | 7    | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option           | 18-12-2020  | 80,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,6700    | 16   | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option           | 18-12-2020  | 85,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,3100     | 5    | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option           | 18-12-2020  | 85,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 19,0700    | 19   | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option           | 18-12-2020  | 90,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9700     | 4    | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option           | 18-12-2020  | 90,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,8300    | 23   | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option           | 18-12-2020  | 95,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0400     | 3    | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option           | 18-12-2020  | 95,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 26,9700    | 27   | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option           | 18-12-2020  | 100,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3400     | 2    | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option           | 18-12-2020  | 100,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 31,3400    | 31   | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option           | 18-12-2020  | 105,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7800     | 2    | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option           | 18-12-2020  | 105,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 35,8200    | 36   | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option           | 18-12-2020  | 110,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3600     | 1    | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option           | 18-12-2020  | 110,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 40,4300    | 40   | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option           | 18-12-2020  | 115,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0400     | 1    | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option           | 18-12-2020  | 115,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 45,1500    | 45   | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option           | 18-12-2020  | 120,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7800     | 1    | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option           | 18-12-2020  | 120,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 49,9000    | 50   | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option           | 18-12-2020  | 130,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4500     | 0    | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option           | 18-12-2020  | 130,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 59,6200    | 60   | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option           | 18-12-2020  | 140,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2600     | 0    | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option           | 18-12-2020  | 140,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 69,4700    | 69   | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option           | 18-6-2021   | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 26,7500    | 27   | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option           | 18-6-2021   | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,6800     | 4    | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option           | 18-6-2021   | 55,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,3200    | 22   | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option           | 18-6-2021   | 55,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,4200     | 5    | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option           | 18-6-2021   | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,3700    | 18   | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option           | 18-6-2021   | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,4600     | 7    | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option           | 18-6-2021   | 65,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,9300    | 15   | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option           | 18-6-2021   | 65,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,7800     | 10   | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option           | 18-6-2021   | 70,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,9900    | 12   | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option           | 18-6-2021   | 70,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,3800    | 12   | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option           | 18-6-2021   | 75,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,4700     | 9    | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option           | 18-6-2021   | 75,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,2500    | 15   | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option           | 18-6-2021   | 80,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,3700     | 7    | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option           | 18-6-2021   | 80,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,4700    | 18   | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option           | 18-6-2021   | 85,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,6200     | 6    | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option           | 18-6-2021   | 85,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,0000    | 22   | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option           | 18-6-2021   | 90,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,3100     | 4    | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option           | 18-6-2021   | 90,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 25,8900    | 26   | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option           | 18-6-2021   | 95,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3500     | 3    | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option           | 18-6-2021   | 95,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 30,0400    | 30   | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option           | 18-6-2021   | 100,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6500     | 3    | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option           | 18-6-2021   | 100,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 34,4700    | 34   | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option           | 18-6-2021   | 105,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0700     | 2    | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option           | 18-6-2021   | 105,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 38,9700    | 39   | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option           | 18-6-2021   | 110,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6300     | 2    | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option           | 18-6-2021   | 110,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 43,5900    | 44   | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option           | 18-6-2021   | 120,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0000     | 1    | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option           | 18-6-2021   | 120,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 53,0600    | 53   | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option           | 18-6-2021   | 150,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2400     | 0    | 0            | 0             | 22-10-2018         |
| O                | BYQ                       | Bayer - Stock Option           | 18-6-2021   | 150,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 82,4400    | 82   | 0            | 0             | 22-10-2018         |
| F                | BZ6                       | Baloise Holding - Stock Future | 16-11-2018  | 0,0000         | CHF               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 145,1536   | 145  | 0            | 0             | 22-10-2018         |
| F                | BZ6                       | Baloise Holding - Stock Future | 21-12-2018  | 0,0000         | CHF               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 145,0813   | 145  | 0            | 0             | 22-10-2018         |
| F                | BZ6                       | Baloise Holding - Stock Future | 18-1-2019   | 0,0000         | CHF               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 145,0155   | 145  | 0            | 0             | 22-10-2018         |
| F                | BZ6                       | Baloise Holding - Stock Future | 15-3-2019   | 0,0000         | CHF               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 144,9052   | 145  | 0            | 0             | 22-10-2018         |
| F                | BZ6                       | Baloise Holding - Stock Future | 21-6-2019   | 0,0000         | CHF               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 138,9073   | 139  | 0            | 0             | 22-10-2018         |
| F                | BZ6                       | Baloise Holding - Stock Future | 20-9-2019   | 0,0000         | CHF               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 138,7233   | 139  | 0            | 0             | 22-10-2018         |
| F                | CB6                       | CaixaBank SA - Stock Future    | 16-11-2018  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4420     | 3    | 0            | 0             | 22-10-2018         |
| F                | CB6                       | CaixaBank SA - Stock Future    | 21-12-2018  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4407     | 3    | 0            | 0             | 22-10-2018         |
| F                | CB6                       | CaixaBank SA - Stock Future    | 18-1-2019   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4397     | 3    | 0            | 0             | 22-10-2018         |
| F                | CB6                       | CaixaBank SA - Stock Future    | 15-3-2019   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4385     | 3    | 0            | 0             | 22-10-2018         |
| F                | CB6                       | CaixaBank SA - Stock Future    | 21-6-2019   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3355     | 3    | 0            | 0             | 22-10-2018         |
| F                | CB6                       | CaixaBank SA - Stock Future    | 20-9-2019   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3328     | 3    | 0            | 0             | 22-10-2018         |
| F                | CB8                       | CaixaBank - Dividend Future    | 21-12-2018  | 0,0000         | EUR               | 0,0000            | 0,0000 |        |        |             |        |            |      |              |               |                    |



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| Instrument Type* | Instrument Trading Symbol | Instrument Name            | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |            |
|------------------|---------------------------|----------------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|------------|
| F                | Ci6                       | Kleierre SA - Stock Future | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 28,6159    |      | 29           | 0             | 22-10-2018         |            |
| F                | Ci6                       | Kleierre SA - Stock Future | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 27,6930    |      | 28           | 0             | 22-10-2018         |            |
| O                | CiO                       | Kleierre SA                | 16-11-2018  | 25,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,7000     |      | 5            | 0             | 22-10-2018         |            |
| O                | CiO                       | Kleierre SA                | 16-11-2018  | 25,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 22-10-2018         |            |
| O                | CiO                       | Kleierre SA                | 16-11-2018  | 26,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,7000     |      | 4            | 0             | 22-10-2018         |            |
| O                | CiO                       | Kleierre SA                | 16-11-2018  | 26,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 22-10-2018         |            |
| O                | CiO                       | Kleierre SA                | 16-11-2018  | 27,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7200     |      | 3            | 0             | 22-10-2018         |            |
| O                | CiO                       | Kleierre SA                | 16-11-2018  | 27,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 0             | 22-10-2018         |            |
| O                | CiO                       | Kleierre SA                | 16-11-2018  | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7900     |      | 2            | 10            | 22-10-2018         |            |
| O                | CiO                       | Kleierre SA                | 16-11-2018  | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1000     |      | 0            | 5             | 22-10-2018         |            |
| O                | CiO                       | Kleierre SA                | 16-11-2018  | 28,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3700     |      | 1            | 0             | 22-10-2018         |            |
| O                | CiO                       | Kleierre SA                | 16-11-2018  | 28,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1800     |      | 0            | 1             | 22-10-2018         |            |
| O                | CiO                       | Kleierre SA                | 16-11-2018  | 29,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0000     |      | 1            | 0             | 22-10-2018         |            |
| O                | CiO                       | Kleierre SA                | 16-11-2018  | 29,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3000     |      | 0            | 3             | 22-10-2018         |            |
| O                | CiO                       | Kleierre SA                | 16-11-2018  | 29,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6700     |      | 1            | 0             | 22-10-2018         |            |
| O                | CiO                       | Kleierre SA                | 16-11-2018  | 29,5000        | P                 | EUR               | 0,5000 | 0,5000 | 0,5000 | 1           | 0,5000 | 0,4700     |      | 0            | 10            | 15                 | 22-10-2018 |
| O                | CiO                       | Kleierre SA                | 16-11-2018  | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4100     |      | 0            | 0             | 22-10-2018         |            |
| O                | CiO                       | Kleierre SA                | 16-11-2018  | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7200     |      | 1            | 0             | 177                | 22-10-2018 |
| O                | CiO                       | Kleierre SA                | 16-11-2018  | 31,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     |      | 0            | 0             | 19                 | 22-10-2018 |
| O                | CiO                       | Kleierre SA                | 16-11-2018  | 31,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4300     |      | 1            | 0             | 4                  | 22-10-2018 |
| O                | CiO                       | Kleierre SA                | 16-11-2018  | 32,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | CiO                       | Kleierre SA                | 16-11-2018  | 32,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3400     |      | 2            | 0             | 0                  | 22-10-2018 |
| O                | CiO                       | Kleierre SA                | 16-11-2018  | 33,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 104           | 22-10-2018         |            |
| O                | CiO                       | Kleierre SA                | 16-11-2018  | 33,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3100     |      | 3            | 0             | 0                  | 22-10-2018 |
| O                | CiO                       | Kleierre SA                | 16-11-2018  | 34,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | CiO                       | Kleierre SA                | 16-11-2018  | 34,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,3100     |      | 4            | 0             | 0                  | 22-10-2018 |
| O                | CiO                       | Kleierre SA                | 16-11-2018  | 36,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | CiO                       | Kleierre SA                | 16-11-2018  | 36,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,3100     |      | 6            | 0             | 2                  | 22-10-2018 |
| O                | CiO                       | Kleierre SA                | 16-11-2018  | 38,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | CiO                       | Kleierre SA                | 16-11-2018  | 38,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,3100     |      | 8            | 0             | 0                  | 22-10-2018 |
| O                | CiO                       | Kleierre SA                | 21-12-2018  | 24,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,7000     |      | 6            | 0             | 0                  | 22-10-2018 |
| O                | CiO                       | Kleierre SA                | 21-12-2018  | 24,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | CiO                       | Kleierre SA                | 21-12-2018  | 25,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,7000     |      | 5            | 0             | 0                  | 22-10-2018 |
| O                | CiO                       | Kleierre SA                | 21-12-2018  | 25,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | CiO                       | Kleierre SA                | 21-12-2018  | 26,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,7200     |      | 4            | 0             | 40                 | 22-10-2018 |
| O                | CiO                       | Kleierre SA                | 21-12-2018  | 26,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     |      | 0            | 0             | 9                  | 22-10-2018 |
| O                | CiO                       | Kleierre SA                | 21-12-2018  | 27,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8100     |      | 3            | 0             | 0                  | 22-10-2018 |
| O                | CiO                       | Kleierre SA                | 21-12-2018  | 27,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     |      | 0            | 0             | 8002               | 22-10-2018 |
| O                | CiO                       | Kleierre SA                | 21-12-2018  | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9500     |      | 2            | 0             | 20                 | 22-10-2018 |
| O                | CiO                       | Kleierre SA                | 21-12-2018  | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2600     |      | 0            | 0             | 70                 | 22-10-2018 |
| O                | CiO                       | Kleierre SA                | 21-12-2018  | 28,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5600     |      | 2            | 0             | 0                  | 22-10-2018 |
| O                | CiO                       | Kleierre SA                | 21-12-2018  | 28,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3700     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | CiO                       | Kleierre SA                | 21-12-2018  | 29,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2200     |      | 1            | 0             | 0                  | 22-10-2018 |
| O                | CiO                       | Kleierre SA                | 21-12-2018  | 29,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5400     |      | 1            | 0             | 285                | 22-10-2018 |
| O                | CiO                       | Kleierre SA                | 21-12-2018  | 29,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9000     |      | 1            | 0             | 0                  | 22-10-2018 |
| O                | CiO                       | Kleierre SA                | 21-12-2018  | 29,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7200     |      | 1            | 0             | 8000               | 22-10-2018 |
| O                | CiO                       | Kleierre SA                | 21-12-2018  | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6600     |      | 1            | 0             | 29                 | 22-10-2018 |
| O                | CiO                       | Kleierre SA                | 21-12-2018  | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9800     |      | 1            | 0             | 102                | 22-10-2018 |
| O                | CiO                       | Kleierre SA                | 21-12-2018  | 31,0000        | C                 | EUR               | 0,2900 | 0,3100 | 0,2900 | 3           | 0,3100 | 0,2900     |      | 0            | 3             | 9                  | 22-10-2018 |
| O                | CiO                       | Kleierre SA                | 21-12-2018  | 31,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6100     |      | 2            | 0             | 0                  | 22-10-2018 |
| O                | CiO                       | Kleierre SA                | 21-12-2018  | 32,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     |      | 0            | 0             | 95                 | 22-10-2018 |
| O                | CiO                       | Kleierre SA                | 21-12-2018  | 32,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4400     |      | 2            | 0             | 40                 | 22-10-2018 |
| O                | CiO                       | Kleierre SA                | 21-12-2018  | 34,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 104                | 22-10-2018 |
| O                | CiO                       | Kleierre SA                | 21-12-2018  | 34,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,3300     |      | 4            | 0             | 113                | 22-10-2018 |
| O                | CiO                       | Kleierre SA                | 21-12-2018  | 36,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 28                 | 22-10-2018 |
| O                | CiO                       | Kleierre SA                | 21-12-2018  | 36,0000        | P                 | EUR               | 6,1000 | 6,2500 | 6,1000 | 2           | 6,2500 | 6,3200     |      | 6            | 2             | 181                | 22-10-2018 |
| O                | CiO                       | Kleierre SA                | 21-12-2018  | 38,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 112                | 22-10-2018 |
| O                | CiO                       | Kleierre SA                | 21-12-2018  | 38,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,3300     |      | 8            | 0             | 15                 | 22-10-2018 |
| O                | CiO                       | Kleierre SA                | 21-12-2018  | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 2                  | 22-10-2018 |
| O                | CiO                       | Kleierre SA                | 21-12-2018  | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,3300    |      | 10           | 0             | 35                 | 22-10-2018 |
| O                | CiO                       | Kleierre SA                | 21-12-2018  | 45,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | CiO                       | Kleierre SA                | 21-12-2018  | 45,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,3300    |      | 15           | 0             | 20                 | 22-10-2018 |
| O                | CiO                       | Kleierre SA                | 21-12-2018  | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | CiO                       | Kleierre SA                | 21-12-2018  | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 20,3300    |      | 20           | 0             | 0                  | 22-10-2018 |
| O                | CiO                       | Kleierre SA                | 21-12-2018  | 55,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | CiO                       | Kleierre SA                | 21-12-2018  | 55,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 25,3400    |      | 25           | 0             | 0                  | 22-10-2018 |
| O                | CiO                       | Kleierre SA                | 18-1-2019   | 26,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,7500     |      | 4            | 0             | 0                  | 22-10-2018 |
| O                | CiO                       | Kleierre SA                | 18-1-2019   | 26,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | CiO                       | Kleierre SA                | 18-1-2019   | 27,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8300     |      | 3            | 0             | 0                  | 22-10-2018 |
| O                | CiO                       | Kleierre SA                | 18-1-2019   | 27,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1500     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | CiO                       | Kleierre SA                | 18-1-2019   | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0200     |      | 2            | 0             | 0                  | 22-10-2018 |
| O                | CiO                       | Kleierre SA                | 18-1-2019   | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3400     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | CiO                       | Kleierre SA                | 18-1-2019   | 29,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3100     |      | 1            | 0             | 0                  | 22-10-2018 |
| O                | CiO                       | Kleierre SA                | 18-1-2019   | 29,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6400     |      | 1            | 0             | 0                  | 22-10-2018 |
| O                | CiO                       | Kleierre SA                | 18-1-2019   | 29,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0000     |      | 1            | 0             | 0                  | 22-10-2018 |
| O                | CiO                       | Kleierre SA                | 18-1-2019   | 29,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8300     |      | 1            | 0             | 0                  | 22-10-2018 |
| O                | CiO                       | Kleierre SA                | 18-1-2019   | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 |        |             |        |            |      |              |               |                    |            |



| Instrument Type* | Instrument Trading Symbol | Instrument Name            | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |            |
|------------------|---------------------------|----------------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|------------|
| O                | CIO                       | Klepierre SA               | 18-1-2019   | 36,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,3400     |      | 6            | 0             | 22-10-2018         |            |
| O                | CIO                       | Klepierre SA               | 15-3-2019   | 22,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,7000     |      | 8            | 0             | 22-10-2018         |            |
| O                | CIO                       | Klepierre SA               | 15-3-2019   | 22,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 22-10-2018         |            |
| O                | CIO                       | Klepierre SA               | 15-3-2019   | 24,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,7100     |      | 6            | 0             | 22-10-2018         |            |
| O                | CIO                       | Klepierre SA               | 15-3-2019   | 24,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     |      | 0            | 3             | 22-10-2018         |            |
| O                | CIO                       | Klepierre SA               | 15-3-2019   | 26,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8600     |      | 4            | 0             | 22-10-2018         |            |
| O                | CIO                       | Klepierre SA               | 15-3-2019   | 26,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1800     |      | 0            | 32            | 22-10-2018         |            |
| O                | CIO                       | Klepierre SA               | 15-3-2019   | 27,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0000     |      | 3            | 0             | 22-10-2018         |            |
| O                | CIO                       | Klepierre SA               | 15-3-2019   | 27,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3200     |      | 0            | 0             | 22-10-2018         |            |
| O                | CIO                       | Klepierre SA               | 15-3-2019   | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2900     |      | 2            | 0             | 22-10-2018         |            |
| O                | CIO                       | Klepierre SA               | 15-3-2019   | 28,0000        | P                 | EUR               | 0,5500 | 0,5500 | 0,5500 | 1           | 0,5500 | 0,6200     |      | 1            | 10            | 24                 | 22-10-2018 |
| O                | CIO                       | Klepierre SA               | 15-3-2019   | 29,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6300     |      | 2            | 0             | 22-10-2018         |            |
| O                | CIO                       | Klepierre SA               | 15-3-2019   | 29,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9600     |      | 1            | 0             | 10                 | 22-10-2018 |
| O                | CIO                       | Klepierre SA               | 15-3-2019   | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0100     |      | 1            | 0             | 9                  | 22-10-2018 |
| O                | CIO                       | Klepierre SA               | 15-3-2019   | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3500     |      | 1            | 0             | 19                 | 22-10-2018 |
| O                | CIO                       | Klepierre SA               | 15-3-2019   | 32,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3400     |      | 0            | 3             | 22-10-2018         |            |
| O                | CIO                       | Klepierre SA               | 15-3-2019   | 32,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6800     |      | 3            | 0             | 8                  | 22-10-2018 |
| O                | CIO                       | Klepierre SA               | 15-3-2019   | 34,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     |      | 0            | 4             | 22-10-2018         |            |
| O                | CIO                       | Klepierre SA               | 15-3-2019   | 34,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,4800     |      | 4            | 0             | 8                  | 22-10-2018 |
| O                | CIO                       | Klepierre SA               | 15-3-2019   | 36,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     |      | 0            | 307           | 22-10-2018         |            |
| O                | CIO                       | Klepierre SA               | 15-3-2019   | 36,0000        | P                 | EUR               | 6,3000 | 6,3000 | 6,3000 | 1           | 6,3000 | 6,3900     |      | 6            | 1             | 95                 | 22-10-2018 |
| O                | CIO                       | Klepierre SA               | 15-3-2019   | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 1             | 22-10-2018         |            |
| O                | CIO                       | Klepierre SA               | 15-3-2019   | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,3500    |      | 10           | 0             | 108                | 22-10-2018 |
| O                | CIO                       | Klepierre SA               | 15-3-2019   | 45,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 22-10-2018         |            |
| O                | CIO                       | Klepierre SA               | 15-3-2019   | 45,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,3600    |      | 15           | 0             | 0                  | 22-10-2018 |
| O                | CIO                       | Klepierre SA               | 15-3-2019   | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 22-10-2018         |            |
| O                | CIO                       | Klepierre SA               | 15-3-2019   | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 20,3700    |      | 20           | 0             | 10                 | 22-10-2018 |
| O                | CIO                       | Klepierre SA               | 21-6-2019   | 22,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,7000     |      | 8            | 0             | 0                  | 22-10-2018 |
| O                | CIO                       | Klepierre SA               | 21-6-2019   | 22,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | CIO                       | Klepierre SA               | 21-6-2019   | 24,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,7300     |      | 6            | 0             | 0                  | 22-10-2018 |
| O                | CIO                       | Klepierre SA               | 21-6-2019   | 24,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2100     |      | 0            | 1             | 22-10-2018         |            |
| O                | CIO                       | Klepierre SA               | 21-6-2019   | 26,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8600     |      | 4            | 0             | 0                  | 22-10-2018 |
| O                | CIO                       | Klepierre SA               | 21-6-2019   | 26,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5500     |      | 1            | 0             | 0                  | 22-10-2018 |
| O                | CIO                       | Klepierre SA               | 21-6-2019   | 27,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0200     |      | 3            | 0             | 0                  | 22-10-2018 |
| O                | CIO                       | Klepierre SA               | 21-6-2019   | 27,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8400     |      | 1            | 0             | 0                  | 22-10-2018 |
| O                | CIO                       | Klepierre SA               | 21-6-2019   | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2700     |      | 2            | 0             | 0                  | 22-10-2018 |
| O                | CIO                       | Klepierre SA               | 21-6-2019   | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2100     |      | 1            | 0             | 17                 | 22-10-2018 |
| O                | CIO                       | Klepierre SA               | 21-6-2019   | 29,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6400     |      | 2            | 0             | 0                  | 22-10-2018 |
| O                | CIO                       | Klepierre SA               | 21-6-2019   | 29,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7200     |      | 2            | 0             | 0                  | 22-10-2018 |
| O                | CIO                       | Klepierre SA               | 21-6-2019   | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1400     |      | 1            | 0             | 0                  | 22-10-2018 |
| O                | CIO                       | Klepierre SA               | 21-6-2019   | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3200     |      | 2            | 0             | 820                | 22-10-2018 |
| O                | CIO                       | Klepierre SA               | 21-6-2019   | 32,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4500     |      | 0            | 0             | 1                  | 22-10-2018 |
| O                | CIO                       | Klepierre SA               | 21-6-2019   | 32,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,7700     |      | 4            | 0             | 63                 | 22-10-2018 |
| O                | CIO                       | Klepierre SA               | 21-6-2019   | 34,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1500     |      | 0            | 0             | 21                 | 22-10-2018 |
| O                | CIO                       | Klepierre SA               | 21-6-2019   | 34,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,5300     |      | 6            | 0             | 155                | 22-10-2018 |
| O                | CIO                       | Klepierre SA               | 21-6-2019   | 36,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     |      | 0            | 0             | 40                 | 22-10-2018 |
| O                | CIO                       | Klepierre SA               | 21-6-2019   | 36,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,4400     |      | 7            | 0             | 222                | 22-10-2018 |
| O                | CIO                       | Klepierre SA               | 21-6-2019   | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | CIO                       | Klepierre SA               | 21-6-2019   | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,4100    |      | 11           | 0             | 147                | 22-10-2018 |
| O                | CIO                       | Klepierre SA               | 21-6-2019   | 45,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | CIO                       | Klepierre SA               | 21-6-2019   | 45,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,4200    |      | 16           | 0             | 40                 | 22-10-2018 |
| O                | CIO                       | Klepierre SA               | 21-6-2019   | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | CIO                       | Klepierre SA               | 21-6-2019   | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,4300    |      | 21           | 0             | 50                 | 22-10-2018 |
| O                | CIO                       | Klepierre SA               | 20-9-2019   | 22,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,7000     |      | 8            | 0             | 0                  | 22-10-2018 |
| O                | CIO                       | Klepierre SA               | 20-9-2019   | 22,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2200     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | CIO                       | Klepierre SA               | 20-9-2019   | 24,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,7200     |      | 6            | 0             | 0                  | 22-10-2018 |
| O                | CIO                       | Klepierre SA               | 20-9-2019   | 24,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4800     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | CIO                       | Klepierre SA               | 20-9-2019   | 26,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8600     |      | 4            | 0             | 0                  | 22-10-2018 |
| O                | CIO                       | Klepierre SA               | 20-9-2019   | 26,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0200     |      | 1            | 0             | 0                  | 22-10-2018 |
| O                | CIO                       | Klepierre SA               | 20-9-2019   | 27,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0000     |      | 3            | 0             | 0                  | 22-10-2018 |
| O                | CIO                       | Klepierre SA               | 20-9-2019   | 27,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3900     |      | 1            | 0             | 0                  | 22-10-2018 |
| O                | CIO                       | Klepierre SA               | 20-9-2019   | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2700     |      | 2            | 0             | 0                  | 22-10-2018 |
| O                | CIO                       | Klepierre SA               | 20-9-2019   | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9000     |      | 2            | 0             | 0                  | 22-10-2018 |
| O                | CIO                       | Klepierre SA               | 20-9-2019   | 29,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6700     |      | 2            | 0             | 0                  | 22-10-2018 |
| O                | CIO                       | Klepierre SA               | 20-9-2019   | 29,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5000     |      | 3            | 0             | 2                  | 22-10-2018 |
| O                | CIO                       | Klepierre SA               | 20-9-2019   | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1900     |      | 1            | 0             | 0                  | 22-10-2018 |
| O                | CIO                       | Klepierre SA               | 20-9-2019   | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1900     |      | 3            | 0             | 17                 | 22-10-2018 |
| O                | CIO                       | Klepierre SA               | 20-9-2019   | 32,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5400     |      | 1            | 0             | 0                  | 22-10-2018 |
| O                | CIO                       | Klepierre SA               | 20-9-2019   | 32,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,7400     |      | 5            | 0             | 12                 | 22-10-2018 |
| O                | CIO                       | Klepierre SA               | 20-9-2019   | 35,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | CIO                       | Klepierre SA               | 20-9-2019   | 35,0000        | P                 | EUR               | 7,4000 | 7,4000 | 7,4000 | 1           | 7,4000 | 7,4300     |      | 7            | 1             | 6                  | 22-10-2018 |
| O                | CIO                       | Klepierre SA               | 20-9-2019   | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | CIO                       | Klepierre SA               | 20-9-2019   | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,3500    |      | 12           | 0             | 4                  | 22-10-2018 |
| O                | CIO                       | Klepierre SA               | 20-9-2019   | 45,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | CIO                       | Klepierre SA               | 20-9-2019   | 45,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,3600    |      | 17           | 0             | 0                  | 22-10-2018 |
| F                | CJ6                       | Coloplast B - Stock Future | 16-11-2018  | 0,0000         |                   | DKK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 636,4103   |      | 636          | 0             | 0                  | 22-10-2018 |
| F                | CJ6                       | Coloplast B - Stock Future | 21-12-2018  | 0,0000         |                   | DKK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 625,1867   |      | 625          | 0             | 0                  | 22-10-2018 |
| F                | CJ6                       | Coloplast B - Stock Future | 18-1-2019   | 0,0000         |                   | DKK               |        |        |        |             |        |            |      |              |               |                    |            |



| Instrument Type* | Instrument Trading Symbol | Instrument Name                 | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |            |
|------------------|---------------------------|---------------------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|------------|
| F                | CK6                       | Clariant - Stock Future         | 21-6-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,2458    | 21   | 0            | 0             | 22-10-2018         |            |
| F                | CK6                       | Clariant - Stock Future         | 20-9-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,2176    | 21   | 0            | 0             | 22-10-2018         |            |
| F                | CM6                       | Commerzbank AG - Stock Future   | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,5786     | 9    | 0            | 0             | 22-10-2018         |            |
| F                | CM6                       | Commerzbank AG - Stock Future   | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,5754     | 9    | 0            | 0             | 22-10-2018         |            |
| F                | CM6                       | Commerzbank AG - Stock Future   | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,5727     | 9    | 0            | 0             | 22-10-2018         |            |
| F                | CM6                       | Commerzbank AG - Stock Future   | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,5698     | 9    | 0            | 0             | 22-10-2018         |            |
| F                | CM6                       | Commerzbank AG - Stock Future   | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,3623     | 8    | 0            | 0             | 22-10-2018         |            |
| F                | CM6                       | Commerzbank AG - Stock Future   | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,3554     | 8    | 0            | 0             | 22-10-2018         |            |
| F                | CQ6                       | Compass Group - Stock Future    | 16-11-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1493,3300  | 1493 | 0            | 0             | 22-10-2018         |            |
| F                | CQ6                       | Compass Group - Stock Future    | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1494,2600  | 1494 | 0            | 0             | 22-10-2018         |            |
| F                | CQ6                       | Compass Group - Stock Future    | 18-1-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1471,0400  | 1471 | 0            | 0             | 22-10-2018         |            |
| F                | CQ6                       | Compass Group - Stock Future    | 15-3-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1472,7000  | 1473 | 0            | 0             | 22-10-2018         |            |
| F                | CQ6                       | Compass Group - Stock Future    | 21-6-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1462,3400  | 1462 | 0            | 0             | 22-10-2018         |            |
| F                | CQ6                       | Compass Group - Stock Future    | 20-9-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1465,6100  | 1466 | 0            | 0             | 22-10-2018         |            |
| F                | CQ8                       | Compass Group - Dividend Future | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 34,6000    | 35   | 0            | 0             | 22-10-2018         |            |
| F                | CQ8                       | Compass Group - Dividend Future | 20-12-2019  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 34,5000    | 35   | 0            | 0             | 22-10-2018         |            |
| F                | CQ8                       | Compass Group - Dividend Future | 18-12-2020  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 34,5000    | 35   | 0            | 0             | 22-10-2018         |            |
| F                | CQ8                       | Compass Group - Dividend Future | 17-12-2021  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 34,5000    | 35   | 0            | 0             | 22-10-2018         |            |
| F                | CQ8                       | Compass Group - Dividend Future | 16-12-2022  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 34,5000    | 35   | 0            | 0             | 22-10-2018         |            |
| O                | CSM                       | Corbion NV                      | 16-11-2018  | 23,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,4400     | 4    | 0            | 0             | 22-10-2018         |            |
| O                | CSM                       | Corbion NV                      | 16-11-2018  | 23,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     | 0    | 0            | 0             | 22-10-2018         |            |
| O                | CSM                       | Corbion NV                      | 16-11-2018  | 24,0000        | C                 | EUR               | 3,7000 | 3,7000 | 3,7000 | 1           | 3,7000 | 3,4800     | 3    | 1            | 1             | 22-10-2018         |            |
| O                | CSM                       | Corbion NV                      | 16-11-2018  | 24,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     | 0    | 0            | 3             | 22-10-2018         |            |
| O                | CSM                       | Corbion NV                      | 16-11-2018  | 25,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5800     | 3    | 0            | 10            | 22-10-2018         |            |
| O                | CSM                       | Corbion NV                      | 16-11-2018  | 25,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2000     | 0    | 0            | 71            | 22-10-2018         |            |
| O                | CSM                       | Corbion NV                      | 16-11-2018  | 26,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7500     | 2    | 0            | 73            | 22-10-2018         |            |
| O                | CSM                       | Corbion NV                      | 16-11-2018  | 26,0000        | P                 | EUR               | 0,3100 | 0,3100 | 0,3100 | 2           | 0,3100 | 0,3800     | 0    | 8            | 44            | 22-10-2018         |            |
| O                | CSM                       | Corbion NV                      | 16-11-2018  | 26,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3600     | 1    | 0            | 67            | 22-10-2018         |            |
| O                | CSM                       | Corbion NV                      | 16-11-2018  | 26,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4900     | 0    | 0            | 10            | 22-10-2018         |            |
| O                | CSM                       | Corbion NV                      | 16-11-2018  | 27,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0300     | 1    | 0            | 43            | 22-10-2018         |            |
| O                | CSM                       | Corbion NV                      | 16-11-2018  | 27,0000        | P                 | EUR               | 0,5400 | 0,5400 | 0,5400 | 1           | 0,5400 | 0,6600     | 1    | 1            | 62            | 22-10-2018         |            |
| O                | CSM                       | Corbion NV                      | 16-11-2018  | 27,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7700     | 1    | 0            | 85            | 22-10-2018         |            |
| O                | CSM                       | Corbion NV                      | 16-11-2018  | 27,5000        | P                 | EUR               | 0,8000 | 0,8500 | 0,8000 | 3           | 0,8500 | 0,9000     | 1    | 32           | 164           | 22-10-2018         |            |
| O                | CSM                       | Corbion NV                      | 16-11-2018  | 28,0000        | C                 | EUR               | 0,6500 | 0,6500 | 0,6000 | 4           | 0,6000 | 0,5700     | 1    | 4            | 34            | 22-10-2018         |            |
| O                | CSM                       | Corbion NV                      | 16-11-2018  | 28,0000        | P                 | EUR               | 1,1000 | 1,1000 | 1,1000 | 1           | 1,1000 | 1,2000     | 1    | 5            | 142           | 22-10-2018         |            |
| O                | CSM                       | Corbion NV                      | 16-11-2018  | 28,5000        | C                 | EUR               | 0,4500 | 0,4500 | 0,4400 | 4           | 0,4500 | 0,4000     | 0    | 49           | 73            | 22-10-2018         |            |
| O                | CSM                       | Corbion NV                      | 16-11-2018  | 28,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5300     | 2    | 0            | 286           | 22-10-2018         |            |
| O                | CSM                       | Corbion NV                      | 16-11-2018  | 29,0000        | C                 | EUR               | 0,3300 | 0,3300 | 0,3300 | 1           | 0,3300 | 0,2900     | 0    | 59           | 2             | 59                 | 22-10-2018 |
| O                | CSM                       | Corbion NV                      | 16-11-2018  | 29,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9100     | 2    | 0            | 20            | 22-10-2018         |            |
| O                | CSM                       | Corbion NV                      | 16-11-2018  | 30,0000        | C                 | EUR               | 0,1600 | 0,1600 | 0,1600 | 1           | 0,1600 | 0,1600     | 0    | 5            | 339           | 22-10-2018         |            |
| O                | CSM                       | Corbion NV                      | 16-11-2018  | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7800     | 3    | 0            | 53            | 22-10-2018         |            |
| O                | CSM                       | Corbion NV                      | 16-11-2018  | 32,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 0             | 22-10-2018         |            |
| O                | CSM                       | Corbion NV                      | 16-11-2018  | 32,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,6800     | 5    | 0            | 0             | 22-10-2018         |            |
| O                | CSM                       | Corbion NV                      | 16-11-2018  | 34,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 0             | 22-10-2018         |            |
| O                | CSM                       | Corbion NV                      | 16-11-2018  | 34,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,6600     | 7    | 0            | 0             | 22-10-2018         |            |
| O                | CSM                       | Corbion NV                      | 21-12-2018  | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,3800     | 9    | 0            | 0             | 22-10-2018         |            |
| O                | CSM                       | Corbion NV                      | 21-12-2018  | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 1             | 22-10-2018         |            |
| O                | CSM                       | Corbion NV                      | 21-12-2018  | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,3800     | 7    | 0            | 56            | 22-10-2018         |            |
| O                | CSM                       | Corbion NV                      | 21-12-2018  | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 20            | 22-10-2018         |            |
| O                | CSM                       | Corbion NV                      | 21-12-2018  | 22,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,4200     | 5    | 0            | 70            | 22-10-2018         |            |
| O                | CSM                       | Corbion NV                      | 21-12-2018  | 22,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 31            | 22-10-2018         |            |
| O                | CSM                       | Corbion NV                      | 21-12-2018  | 23,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,4800     | 4    | 0            | 10            | 22-10-2018         |            |
| O                | CSM                       | Corbion NV                      | 21-12-2018  | 23,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     | 0    | 0            | 91            | 22-10-2018         |            |
| O                | CSM                       | Corbion NV                      | 21-12-2018  | 24,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5700     | 4    | 0            | 25            | 22-10-2018         |            |
| O                | CSM                       | Corbion NV                      | 21-12-2018  | 24,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2000     | 0    | 0            | 153           | 22-10-2018         |            |
| O                | CSM                       | Corbion NV                      | 21-12-2018  | 25,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7200     | 3    | 0            | 301           | 22-10-2018         |            |
| O                | CSM                       | Corbion NV                      | 21-12-2018  | 25,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3500     | 0    | 0            | 204           | 22-10-2018         |            |
| O                | CSM                       | Corbion NV                      | 21-12-2018  | 26,0000        | C                 | EUR               | 2,0000 | 2,0000 | 2,0000 | 1           | 2,0000 | 1,9600     | 2    | 1            | 290           | 22-10-2018         |            |
| O                | CSM                       | Corbion NV                      | 21-12-2018  | 26,0000        | P                 | EUR               | 0,5000 | 0,6000 | 0,5000 | 5           | 0,6000 | 0,6000     | 1    | 101          | 469           | 22-10-2018         |            |
| O                | CSM                       | Corbion NV                      | 21-12-2018  | 26,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5900     | 2    | 0            | 0             | 22-10-2018         |            |
| O                | CSM                       | Corbion NV                      | 21-12-2018  | 26,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7300     | 1    | 0            | 0             | 22-10-2018         |            |
| O                | CSM                       | Corbion NV                      | 21-12-2018  | 27,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3000     | 1    | 0            | 453           | 22-10-2018         |            |
| O                | CSM                       | Corbion NV                      | 21-12-2018  | 27,0000        | P                 | EUR               | 0,8000 | 0,8000 | 0,8000 | 1           | 0,8000 | 0,9300     | 1    | 1            | 158           | 22-10-2018         |            |
| O                | CSM                       | Corbion NV                      | 21-12-2018  | 27,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0400     | 1    | 0            | 0             | 22-10-2018         |            |
| O                | CSM                       | Corbion NV                      | 21-12-2018  | 27,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1700     | 1    | 0            | 0             | 22-10-2018         |            |
| O                | CSM                       | Corbion NV                      | 21-12-2018  | 28,0000        | C                 | EUR               | 0,8500 | 0,8500 | 0,8500 | 1           | 0,8500 | 0,8100     | 1    | 1            | 417           | 22-10-2018         |            |
| O                | CSM                       | Corbion NV                      | 21-12-2018  | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4500     | 1    | 0            | 181           | 22-10-2018         |            |
| O                | CSM                       | Corbion NV                      | 21-12-2018  | 28,5000        | C                 | EUR               | 0,7000 | 0,7000 | 0,7000 | 1           | 0,7000 | 0,6400     | 1    | 1            | 115           | 22-10-2018         |            |
| O                | CSM                       | Corbion NV                      | 21-12-2018  | 28,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7800     | 2    | 0            | 25            | 22-10-2018         |            |
| O                | CSM                       | Corbion NV                      | 21-12-2018  | 29,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4800     | 0    | 0            | 298           | 22-10-2018         |            |
| O                | CSM                       | Corbion NV                      | 21-12-2018  | 29,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1200     | 2    | 0            | 119           | 22-10-2018         |            |
| O                | CSM                       | Corbion NV                      | 21-12-2018  | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3100     | 0    | 0            | 527           | 22-10-2018         |            |
| O                | CSM                       | Corbion NV                      | 21-12-2018  | 30,0000        | P                 | EUR               | 2,8500 | 2,8500 | 2,8500 | 1           | 2,8500 | 2,9500     | 3    | 10           | 659           | 22-10-2018         |            |
| O                | CSM                       | Corbion NV                      | 21-12-2018  | 32,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 0            | 69            | 22-10-2018         |            |
| O                | CSM                       | Corbion NV                      | 21-12-2018  | 32,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,7000     | 5    | 0            | 62            | 22-10-2018         |            |
| O                | CSM                       | Corbion NV                      | 21-12-2018  | 34,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |            |
| O                | CSM                       | Corbion NV                      | 21-12-2018  | 34,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,     |            |      |              |               |                    |            |



| Instrument Type* | Instrument Trading Symbol | Instrument Name                 | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open    | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|---------------------------------|-------------|----------------|-------------------|-------------------|---------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | CSM                       | Corbion NV                      | 18-1-2019   | 25,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,8000     |      | 3            | 0             | 22-10-2018         |
| O                | CSM                       | Corbion NV                      | 18-1-2019   | 25,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,4400     |      | 0            | 0             | 22-10-2018         |
| O                | CSM                       | Corbion NV                      | 18-1-2019   | 26,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,0600     |      | 2            | 0             | 22-10-2018         |
| O                | CSM                       | Corbion NV                      | 18-1-2019   | 26,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,7000     |      | 1            | 0             | 22-10-2018         |
| O                | CSM                       | Corbion NV                      | 18-1-2019   | 27,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,4100     |      | 1            | 0             | 22-10-2018         |
| O                | CSM                       | Corbion NV                      | 18-1-2019   | 27,0000        | P                 | EUR               | 0,9400  | 0,9400 | 0,9400 | 1           | 0,9400 | 1,0600     |      | 1            | 1             | 22-10-2018         |
| O                | CSM                       | Corbion NV                      | 18-1-2019   | 27,5000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,1400     |      | 1            | 0             | 22-10-2018         |
| O                | CSM                       | Corbion NV                      | 18-1-2019   | 27,5000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,2800     |      | 1            | 0             | 22-10-2018         |
| O                | CSM                       | Corbion NV                      | 18-1-2019   | 28,0000        | C                 | EUR               | 1,0600  | 1,0600 | 1,0600 | 1           | 1,0600 | 0,9400     |      | 1            | 1             | 22-10-2018         |
| O                | CSM                       | Corbion NV                      | 18-1-2019   | 28,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,5800     |      | 2            | 0             | 22-10-2018         |
| O                | CSM                       | Corbion NV                      | 18-1-2019   | 29,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,6000     |      | 1            | 0             | 22-10-2018         |
| O                | CSM                       | Corbion NV                      | 18-1-2019   | 29,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,2500     |      | 2            | 0             | 22-10-2018         |
| O                | CSM                       | Corbion NV                      | 18-1-2019   | 30,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,4100     |      | 0            | 0             | 22-10-2018         |
| O                | CSM                       | Corbion NV                      | 18-1-2019   | 30,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 3,0500     |      | 3            | 0             | 22-10-2018         |
| O                | CSM                       | Corbion NV                      | 18-1-2019   | 32,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,1700     |      | 0            | 0             | 22-10-2018         |
| O                | CSM                       | Corbion NV                      | 18-1-2019   | 32,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 4,8200     |      | 5            | 0             | 22-10-2018         |
| O                | CSM                       | Corbion NV                      | 15-3-2019   | 20,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 7,4700     |      | 7            | 0             | 22-10-2018         |
| O                | CSM                       | Corbion NV                      | 15-3-2019   | 20,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     |      | 0            | 41            | 22-10-2018         |
| O                | CSM                       | Corbion NV                      | 15-3-2019   | 22,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 5,6000     |      | 6            | 0             | 22-10-2018         |
| O                | CSM                       | Corbion NV                      | 15-3-2019   | 22,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,2400     |      | 0            | 6             | 22-10-2018         |
| O                | CSM                       | Corbion NV                      | 15-3-2019   | 24,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 3,8700     |      | 4            | 0             | 22-10-2018         |
| O                | CSM                       | Corbion NV                      | 15-3-2019   | 24,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,5200     |      | 1            | 0             | 22-10-2018         |
| O                | CSM                       | Corbion NV                      | 15-3-2019   | 25,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 3,0700     |      | 3            | 0             | 22-10-2018         |
| O                | CSM                       | Corbion NV                      | 15-3-2019   | 25,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,7200     |      | 1            | 0             | 22-10-2018         |
| O                | CSM                       | Corbion NV                      | 15-3-2019   | 26,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,3800     |      | 2            | 0             | 22-10-2018         |
| O                | CSM                       | Corbion NV                      | 15-3-2019   | 26,0000        | P                 | EUR               | 0,9500  | 0,9500 | 0,9500 | 1           | 0,9500 | 1,0300     |      | 1            | 69            | 22-10-2018         |
| O                | CSM                       | Corbion NV                      | 15-3-2019   | 27,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,7800     |      | 2            | 0             | 22-10-2018         |
| O                | CSM                       | Corbion NV                      | 15-3-2019   | 27,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,4300     |      | 1            | 0             | 22-10-2018         |
| O                | CSM                       | Corbion NV                      | 15-3-2019   | 28,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,2800     |      | 1            | 0             | 22-10-2018         |
| O                | CSM                       | Corbion NV                      | 15-3-2019   | 28,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,9400     |      | 2            | 0             | 22-10-2018         |
| O                | CSM                       | Corbion NV                      | 15-3-2019   | 29,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,9200     |      | 1            | 0             | 22-10-2018         |
| O                | CSM                       | Corbion NV                      | 15-3-2019   | 29,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,5800     |      | 3            | 0             | 22-10-2018         |
| O                | CSM                       | Corbion NV                      | 15-3-2019   | 30,0000        | C                 | EUR               | 0,7000  | 0,7000 | 0,7000 | 1           | 0,7000 | 0,6700     |      | 1            | 13            | 22-10-2018         |
| O                | CSM                       | Corbion NV                      | 15-3-2019   | 30,0000        | P                 | EUR               | 3,2500  | 3,2500 | 3,2500 | 1           | 3,2500 | 3,3300     |      | 3            | 10            | 22-10-2018         |
| O                | CSM                       | Corbion NV                      | 15-3-2019   | 32,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,3400     |      | 0            | 0             | 22-10-2018         |
| O                | CSM                       | Corbion NV                      | 15-3-2019   | 32,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 5,0000     |      | 5            | 0             | 22-10-2018         |
| O                | CSM                       | Corbion NV                      | 15-3-2019   | 35,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     |      | 0            | 4             | 22-10-2018         |
| O                | CSM                       | Corbion NV                      | 15-3-2019   | 35,0000        | P                 | EUR               | 15,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,7900     |      | 8            | 0             | 22-10-2018         |
| O                | CSM                       | Corbion NV                      | 15-3-2019   | 40,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 22-10-2018         |
| O                | CSM                       | Corbion NV                      | 15-3-2019   | 40,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 12,6900    |      | 13           | 0             | 22-10-2018         |
| O                | CSM                       | Corbion NV                      | 15-3-2019   | 45,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 2             | 22-10-2018         |
| O                | CSM                       | Corbion NV                      | 15-3-2019   | 45,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 17,6800    |      | 18           | 0             | 22-10-2018         |
| O                | CSM                       | Corbion NV                      | 21-6-2019   | 20,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 7,5400     |      | 8            | 0             | 22-10-2018         |
| O                | CSM                       | Corbion NV                      | 21-6-2019   | 20,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,2700     |      | 0            | 0             | 22-10-2018         |
| O                | CSM                       | Corbion NV                      | 21-6-2019   | 22,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 5,7200     |      | 6            | 0             | 22-10-2018         |
| O                | CSM                       | Corbion NV                      | 21-6-2019   | 22,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,5100     |      | 1            | 0             | 22-10-2018         |
| O                | CSM                       | Corbion NV                      | 21-6-2019   | 24,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 4,0500     |      | 4            | 0             | 22-10-2018         |
| O                | CSM                       | Corbion NV                      | 21-6-2019   | 24,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,9200     |      | 1            | 0             | 22-10-2018         |
| O                | CSM                       | Corbion NV                      | 21-6-2019   | 26,0000        | C                 | EUR               | 2,7000  | 2,7000 | 2,7000 | 1           | 2,7000 | 2,6800     |      | 3            | 1             | 22-10-2018         |
| O                | CSM                       | Corbion NV                      | 21-6-2019   | 26,0000        | P                 | EUR               | 1,5000  | 1,5000 | 1,5000 | 1           | 1,5000 | 1,6300     |      | 2            | 2             | 22-10-2018         |
| O                | CSM                       | Corbion NV                      | 21-6-2019   | 27,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,1300     |      | 2            | 0             | 22-10-2018         |
| O                | CSM                       | Corbion NV                      | 21-6-2019   | 27,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,1300     |      | 2            | 0             | 22-10-2018         |
| O                | CSM                       | Corbion NV                      | 21-6-2019   | 28,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,6700     |      | 2            | 0             | 22-10-2018         |
| O                | CSM                       | Corbion NV                      | 21-6-2019   | 28,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,7000     |      | 3            | 0             | 22-10-2018         |
| O                | CSM                       | Corbion NV                      | 21-6-2019   | 29,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,3000     |      | 1            | 0             | 22-10-2018         |
| O                | CSM                       | Corbion NV                      | 21-6-2019   | 29,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 3,3800     |      | 3            | 0             | 22-10-2018         |
| O                | CSM                       | Corbion NV                      | 21-6-2019   | 30,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,0200     |      | 1            | 0             | 22-10-2018         |
| O                | CSM                       | Corbion NV                      | 21-6-2019   | 30,0000        | P                 | EUR               | 3,9500  | 3,9500 | 3,9500 | 1           | 3,9500 | 4,1300     |      | 4            | 15            | 22-10-2018         |
| O                | CSM                       | Corbion NV                      | 21-6-2019   | 31,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,8000     |      | 1            | 0             | 22-10-2018         |
| O                | CSM                       | Corbion NV                      | 21-6-2019   | 31,0000        | P                 | EUR               | 4,8000  | 4,8000 | 4,8000 | 1           | 4,8000 | 4,9300     |      | 5            | 10            | 22-10-2018         |
| O                | CSM                       | Corbion NV                      | 21-6-2019   | 32,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,6100     |      | 1            | 0             | 22-10-2018         |
| O                | CSM                       | Corbion NV                      | 21-6-2019   | 32,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 5,7500     |      | 6            | 0             | 22-10-2018         |
| O                | CSM                       | Corbion NV                      | 21-6-2019   | 33,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,4800     |      | 0            | 0             | 22-10-2018         |
| O                | CSM                       | Corbion NV                      | 21-6-2019   | 33,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 6,6400     |      | 7            | 0             | 22-10-2018         |
| O                | CSM                       | Corbion NV                      | 21-6-2019   | 34,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,3600     |      | 0            | 0             | 22-10-2018         |
| O                | CSM                       | Corbion NV                      | 21-6-2019   | 34,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 7,5300     |      | 8            | 0             | 22-10-2018         |
| O                | CSM                       | Corbion NV                      | 21-6-2019   | 35,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,2800     |      | 0            | 0             | 22-10-2018         |
| O                | CSM                       | Corbion NV                      | 21-6-2019   | 35,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 8,4600     |      | 8            | 0             | 22-10-2018         |
| O                | CSM                       | Corbion NV                      | 21-6-2019   | 40,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     |      | 0            | 0             | 22-10-2018         |
| O                | CSM                       | Corbion NV                      | 21-6-2019   | 40,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 13,2700    |      | 13           | 0             | 22-10-2018         |
| F                | CW8                       | Coca-Cola HBC - Dividend Future | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,5400     |      | 1            | 0             | 22-10-2018         |
| F                | CW8                       | Coca-Cola HBC - Dividend Future | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,5400     |      | 1            | 0             | 22-10-2018         |
| F                | CW8                       | Coca-Cola HBC - Dividend Future | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,6000     |      | 1            | 0             | 22-10-2018         |
| F                | CW8                       | Coca-Cola HBC - Dividend Future | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,6700     |      | 1            | 0             | 22-10-2018         |
| F                | CW8                       | Coca-Cola HBC - Dividend Future | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,6700     |      | 1            | 0             | 22-10-2018         |
| F                | CX6                       | CRH PLC - Stock Future          | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 24,2434    |      | 24           | 0             | 22-10-2018         |
| F                | CX6                       | CRH PLC - Stock Future          | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 24,2341    |      | 24           | 0             | 22-10-2018         |
| F                | CX6                       | CRH PLC - Stock Future          | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 24,2266    |      | 24           | 0             | 22-10-2018         |
| F                | CX6                       | CRH PLC - Stock Future          | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 23,7085    |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name                       | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|---------------------------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| F                | CX8                       | CRH PLC - Dividend Future             | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7620     | 1    | 0            | 0             | 22-10-2018         |
| F                | CY6                       | Cairn Energy - Stock Future           | 16-11-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 200,0800   | 200  | 0            | 0             | 22-10-2018         |
| F                | CY6                       | Cairn Energy - Stock Future           | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 200,2100   | 200  | 0            | 0             | 22-10-2018         |
| F                | CY6                       | Cairn Energy - Stock Future           | 18-1-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 200,3100   | 200  | 0            | 0             | 22-10-2018         |
| F                | CY6                       | Cairn Energy - Stock Future           | 15-3-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 200,5400   | 201  | 0            | 0             | 22-10-2018         |
| F                | CY6                       | Cairn Energy - Stock Future           | 21-6-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 200,9800   | 201  | 0            | 0             | 22-10-2018         |
| F                | CY6                       | Cairn Energy - Stock Future           | 20-9-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 201,4300   | 201  | 0            | 0             | 22-10-2018         |
| F                | CZ6                       | Credit Suisse Group - Stock Future    | 16-11-2018  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,0558    | 13   | 0            | 0             | 22-10-2018         |
| F                | CZ6                       | Credit Suisse Group - Stock Future    | 21-12-2018  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,0493    | 13   | 0            | 0             | 22-10-2018         |
| F                | CZ6                       | Credit Suisse Group - Stock Future    | 18-1-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,0434    | 13   | 0            | 0             | 22-10-2018         |
| F                | CZ6                       | Credit Suisse Group - Stock Future    | 15-3-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,0335    | 13   | 0            | 0             | 22-10-2018         |
| F                | CZ6                       | Credit Suisse Group - Stock Future    | 21-6-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,6655    | 13   | 0            | 0             | 22-10-2018         |
| F                | CZ6                       | Credit Suisse Group - Stock Future    | 20-9-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,6488    | 13   | 0            | 0             | 22-10-2018         |
| F                | CZ8                       | Credit Suisse Group - Dividend Future | 21-12-2018  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2500     | 0    | 0            | 0             | 22-10-2018         |
| F                | CZ8                       | Credit Suisse Group - Dividend Future | 20-12-2019  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3000     | 0    | 0            | 0             | 22-10-2018         |
| F                | CZ8                       | Credit Suisse Group - Dividend Future | 18-12-2020  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3300     | 0    | 0            | 0             | 22-10-2018         |
| F                | CZ8                       | Credit Suisse Group - Dividend Future | 17-12-2021  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3600     | 0    | 0            | 0             | 22-10-2018         |
| F                | CZ8                       | Credit Suisse Group - Dividend Future | 16-12-2022  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3600     | 0    | 0            | 0             | 22-10-2018         |
| F                | DB6                       | Deutsche Bank AG - Stock Future       | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,3924     | 9    | 0            | 0             | 22-10-2018         |
| F                | DB6                       | Deutsche Bank AG - Stock Future       | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,3888     | 9    | 0            | 0             | 22-10-2018         |
| F                | DB6                       | Deutsche Bank AG - Stock Future       | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,3859     | 9    | 0            | 0             | 22-10-2018         |
| F                | DB6                       | Deutsche Bank AG - Stock Future       | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,3828     | 9    | 0            | 0             | 22-10-2018         |
| F                | DB6                       | Deutsche Bank AG - Stock Future       | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,2945     | 9    | 0            | 0             | 22-10-2018         |
| F                | DB6                       | Deutsche Bank AG - Stock Future       | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,2868     | 9    | 0            | 0             | 22-10-2018         |
| F                | DB8                       | Deutsche Bank - Dividend Future       | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     | 0    | 0            | 0             | 22-10-2018         |
| F                | DB8                       | Deutsche Bank - Dividend Future       | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3600     | 0    | 0            | 0             | 22-10-2018         |
| F                | DB8                       | Deutsche Bank - Dividend Future       | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4500     | 0    | 0            | 0             | 22-10-2018         |
| F                | DB8                       | Deutsche Bank - Dividend Future       | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5400     | 1    | 0            | 0             | 22-10-2018         |
| F                | DB8                       | Deutsche Bank - Dividend Future       | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5400     | 1    | 0            | 0             | 22-10-2018         |
| O                | DBQ                       | Deutsche Bank - Stock Option          | 16-11-2018  | 8,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1000     | 1    | 0            | 0             | 22-10-2018         |
| O                | DBQ                       | Deutsche Bank - Stock Option          | 16-11-2018  | 8,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     | 0    | 0            | 0             | 22-10-2018         |
| O                | DBQ                       | Deutsche Bank - Stock Option          | 16-11-2018  | 8,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7800     | 1    | 0            | 0             | 22-10-2018         |
| O                | DBQ                       | Deutsche Bank - Stock Option          | 16-11-2018  | 8,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1900     | 0    | 0            | 0             | 22-10-2018         |
| O                | DBQ                       | Deutsche Bank - Stock Option          | 16-11-2018  | 9,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6300     | 1    | 0            | 10            | 22-10-2018         |
| O                | DBQ                       | Deutsche Bank - Stock Option          | 16-11-2018  | 9,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2300     | 0    | 0            | 1             | 22-10-2018         |
| O                | DBQ                       | Deutsche Bank - Stock Option          | 16-11-2018  | 9,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4700     | 0    | 0            | 0             | 22-10-2018         |
| O                | DBQ                       | Deutsche Bank - Stock Option          | 16-11-2018  | 9,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2800     | 0    | 0            | 1             | 22-10-2018         |
| O                | DBQ                       | Deutsche Bank - Stock Option          | 16-11-2018  | 9,3000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4200     | 0    | 0            | 0             | 22-10-2018         |
| O                | DBQ                       | Deutsche Bank - Stock Option          | 16-11-2018  | 9,3000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3300     | 0    | 0            | 0             | 22-10-2018         |
| O                | DBQ                       | Deutsche Bank - Stock Option          | 16-11-2018  | 9,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3600     | 0    | 0            | 0             | 22-10-2018         |
| O                | DBQ                       | Deutsche Bank - Stock Option          | 16-11-2018  | 9,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3700     | 0    | 0            | 0             | 22-10-2018         |
| O                | DBQ                       | Deutsche Bank - Stock Option          | 16-11-2018  | 9,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3200     | 0    | 0            | 5             | 22-10-2018         |
| O                | DBQ                       | Deutsche Bank - Stock Option          | 16-11-2018  | 9,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4300     | 0    | 0            | 0             | 22-10-2018         |
| O                | DBQ                       | Deutsche Bank - Stock Option          | 16-11-2018  | 9,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2700     | 0    | 0            | 0             | 22-10-2018         |
| O                | DBQ                       | Deutsche Bank - Stock Option          | 16-11-2018  | 9,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4800     | 0    | 0            | 0             | 22-10-2018         |
| O                | DBQ                       | Deutsche Bank - Stock Option          | 16-11-2018  | 9,7000         | C                 | EUR               | 0,3500 | 0,3500 | 0,3500 | 1           | 0,3500 | 0,2400     | 0    | 5            | 5             | 22-10-2018         |
| O                | DBQ                       | Deutsche Bank - Stock Option          | 16-11-2018  | 9,7000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5500     | 1    | 0            | 0             | 22-10-2018         |
| O                | DBQ                       | Deutsche Bank - Stock Option          | 16-11-2018  | 9,8000         | C                 | EUR               | 0,3000 | 0,3000 | 0,3000 | 1           | 0,3000 | 0,2000     | 0    | 5            | 5             | 22-10-2018         |
| O                | DBQ                       | Deutsche Bank - Stock Option          | 16-11-2018  | 9,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6100     | 1    | 0            | 0             | 22-10-2018         |
| O                | DBQ                       | Deutsche Bank - Stock Option          | 16-11-2018  | 9,9000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1800     | 0    | 0            | 0             | 22-10-2018         |
| O                | DBQ                       | Deutsche Bank - Stock Option          | 16-11-2018  | 9,9000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6900     | 1    | 0            | 0             | 22-10-2018         |
| O                | DBQ                       | Deutsche Bank - Stock Option          | 16-11-2018  | 10,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1500     | 0    | 0            | 10            | 22-10-2018         |
| O                | DBQ                       | Deutsche Bank - Stock Option          | 16-11-2018  | 10,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7600     | 1    | 0            | 10            | 22-10-2018         |
| O                | DBQ                       | Deutsche Bank - Stock Option          | 16-11-2018  | 10,2000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     | 0    | 0            | 0             | 22-10-2018         |
| O                | DBQ                       | Deutsche Bank - Stock Option          | 16-11-2018  | 10,2000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9400     | 1    | 0            | 0             | 22-10-2018         |
| O                | DBQ                       | Deutsche Bank - Stock Option          | 16-11-2018  | 10,4000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1000     | 0    | 0            | 0             | 22-10-2018         |
| O                | DBQ                       | Deutsche Bank - Stock Option          | 16-11-2018  | 10,4000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1100     | 1    | 0            | 0             | 22-10-2018         |
| O                | DBQ                       | Deutsche Bank - Stock Option          | 16-11-2018  | 10,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     | 0    | 0            | 0             | 22-10-2018         |
| O                | DBQ                       | Deutsche Bank - Stock Option          | 16-11-2018  | 10,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2000     | 1    | 0            | 0             | 22-10-2018         |
| O                | DBQ                       | Deutsche Bank - Stock Option          | 16-11-2018  | 10,6000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     | 0    | 0            | 0             | 22-10-2018         |
| O                | DBQ                       | Deutsche Bank - Stock Option          | 16-11-2018  | 10,6000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2900     | 1    | 0            | 0             | 22-10-2018         |
| O                | DBQ                       | Deutsche Bank - Stock Option          | 16-11-2018  | 10,8000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     | 0    | 0            | 0             | 22-10-2018         |
| O                | DBQ                       | Deutsche Bank - Stock Option          | 16-11-2018  | 10,8000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4500     | 1    | 0            | 0             | 22-10-2018         |
| O                | DBQ                       | Deutsche Bank - Stock Option          | 16-11-2018  | 11,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 5             | 22-10-2018         |
| O                | DBQ                       | Deutsche Bank - Stock Option          | 16-11-2018  | 11,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6400     | 2    | 0            | 0             | 22-10-2018         |
| O                | DBQ                       | Deutsche Bank - Stock Option          | 16-11-2018  | 11,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | DBQ                       | Deutsche Bank - Stock Option          | 16-11-2018  | 11,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1200     | 2    | 0            | 0             | 22-10-2018         |
| O                | DBQ                       | Deutsche Bank - Stock Option          | 16-11-2018  | 12,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | DBQ                       | Deutsche Bank - Stock Option          | 16-11-2018  | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6100     | 3    | 0            | 0             | 22-10-2018         |
| O                | DBQ                       | Deutsche Bank - Stock Option          | 16-11-2018  | 13,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | DBQ                       | Deutsche Bank - Stock Option          | 16-11-2018  | 13,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,6100     | 4    | 0            | 0             | 22-10-2018         |
| O                | DBQ                       | Deutsche Bank - Stock Option          | 21-12-2018  | 7,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9600     | 2    | 0            | 0             | 22-10-2018         |
| O                | DBQ                       | Deutsche Bank - Stock Option          | 21-12-2018  | 7,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     | 0    | 0            | 0             | 22-10-2018         |
| O                | DBQ                       | Deutsche Bank - Stock Option          | 21-12-2018  | 8,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5200     | 2    | 0            | 0             | 22-10-2018         |
| O                | DBQ                       | Deutsche Bank - Stock Option          | 21-12-2018  | 8,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     | 0    | 0            | 0             | 22-10-2018         |
| O                | DBQ                       | Deutsche Bank - Stock Option          | 21-12-2018  | 8,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1200     | 1    | 0            | 1             | 22-10-2018         |
| O                | DBQ                       | Deutsche Bank - Stock Option          | 21-12-2018  | 8,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2300     | 0    | 0            | 0</           |                    |



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| Instrument Type* | Instrument Trading Symbol | Instrument Name  | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|--|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | DBQ                       | Deutsche Bank - Stock Option                                 | 18-6-2021   | 12,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0600     |      | 1            | 0             | 22-10-2018         |
| O                | DBQ                       | Deutsche Bank - Stock Option                                 | 18-6-2021   | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,0700     |      | 4            | 0             | 22-10-2018         |
| O                | DBQ                       | Deutsche Bank - Stock Option                                 | 18-6-2021   | 13,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8600     |      | 1            | 0             | 22-10-2018         |
| O                | DBQ                       | Deutsche Bank - Stock Option                                 | 18-6-2021   | 13,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,8800     |      | 5            | 0             | 22-10-2018         |
| O                | DBQ                       | Deutsche Bank - Stock Option                                 | 18-6-2021   | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7300     |      | 1            | 0             | 22-10-2018         |
| O                | DBQ                       | Deutsche Bank - Stock Option                                 | 18-6-2021   | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,7500     |      | 6            | 0             | 22-10-2018         |
| O                | DBQ                       | Deutsche Bank - Stock Option                                 | 18-6-2021   | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6100     |      | 1            | 0             | 22-10-2018         |
| O                | DBQ                       | Deutsche Bank - Stock Option                                 | 18-6-2021   | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,6400     |      | 7            | 0             | 22-10-2018         |
| F                | DC6                       | Davide Campari-Milano SpA - Stock Future                     | 15-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,6582     |      | 7            | 0             | 22-10-2018         |
| F                | DC6                       | Davide Campari-Milano SpA - Stock Future                     | 20-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,6557     |      | 7            | 0             | 22-10-2018         |
| F                | DC6                       | Davide Campari-Milano SpA - Stock Future                     | 17-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,6537     |      | 7            | 0             | 22-10-2018         |
| F                | DC6                       | Davide Campari-Milano SpA - Stock Future                     | 14-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,6514     |      | 7            | 0             | 22-10-2018         |
| F                | DC6                       | Davide Campari-Milano SpA - Stock Future                     | 20-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,5955     |      | 7            | 0             | 22-10-2018         |
| F                | DC6                       | Davide Campari-Milano SpA - Stock Future                     | 19-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,5901     |      | 7            | 0             | 22-10-2018         |
| F                | DD6                       | Boliden - Stock Future                                       | 16-11-2018  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 234,9359   |      | 235          | 0             | 22-10-2018         |
| F                | DD6                       | Boliden - Stock Future                                       | 21-12-2018  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 234,8548   |      | 235          | 0             | 22-10-2018         |
| F                | DD6                       | Boliden - Stock Future                                       | 18-1-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 234,7970   |      | 235          | 0             | 22-10-2018         |
| F                | DD6                       | Boliden - Stock Future                                       | 15-3-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 234,6752   |      | 235          | 0             | 22-10-2018         |
| F                | DD6                       | Boliden - Stock Future                                       | 21-6-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 225,7000   |      | 226          | 0             | 22-10-2018         |
| F                | DD6                       | Boliden - Stock Future                                       | 20-9-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 225,6038   |      | 226          | 0             | 22-10-2018         |
| F                | D16                       | Distribuidora Internacional de Alimentacion SA - S           | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6642     |      | 1            | 0             | 22-10-2018         |
| F                | D16                       | Distribuidora Internacional de Alimentacion SA - S           | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6640     |      | 1            | 0             | 22-10-2018         |
| F                | D16                       | Distribuidora Internacional de Alimentacion SA - S           | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6638     |      | 1            | 0             | 22-10-2018         |
| F                | D16                       | Distribuidora Internacional de Alimentacion SA - S           | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6635     |      | 1            | 0             | 22-10-2018         |
| F                | D16                       | Distribuidora Internacional de Alimentacion SA - S           | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6629     |      | 1            | 0             | 22-10-2018         |
| F                | D16                       | Distribuidora Internacional de Alimentacion SA - S           | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5125     |      | 1            | 0             | 22-10-2018         |
| F                | D18                       | Distribuidora Internacional de Alimentacion - Dividend Futur | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1800     |      | 0            | 0             | 22-10-2018         |
| F                | D18                       | Distribuidora Internacional de Alimentacion - Dividend Futur | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2300     |      | 0            | 0             | 22-10-2018         |
| F                | D18                       | Distribuidora Internacional de Alimentacion - Dividend Futur | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2300     |      | 0            | 0             | 22-10-2018         |
| F                | D18                       | Distribuidora Internacional de Alimentacion - Dividend Futur | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2700     |      | 0            | 0             | 22-10-2018         |
| F                | D18                       | Distribuidora Internacional de Alimentacion - Dividend Futur | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2700     |      | 0            | 0             | 22-10-2018         |
| F                | DK6                       | Danske Bank - Stock Future                                   | 16-11-2018  | 0,0000         |                   | DKK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 130,4111   |      | 130          | 0             | 22-10-2018         |
| F                | DK6                       | Danske Bank - Stock Future                                   | 21-12-2018  | 0,0000         |                   | DKK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 130,3649   |      | 130          | 0             | 22-10-2018         |
| F                | DK6                       | Danske Bank - Stock Future                                   | 18-1-2019   | 0,0000         |                   | DKK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 130,3407   |      | 130          | 0             | 22-10-2018         |
| F                | DK6                       | Danske Bank - Stock Future                                   | 15-3-2019   | 0,0000         |                   | DKK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 130,2896   |      | 130          | 0             | 22-10-2018         |
| F                | DK6                       | Danske Bank - Stock Future                                   | 21-6-2019   | 0,0000         |                   | DKK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 120,2191   |      | 120          | 0             | 22-10-2018         |
| F                | DK6                       | Danske Bank - Stock Future                                   | 20-9-2019   | 0,0000         |                   | DKK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 120,1835   |      | 120          | 0             | 22-10-2018         |
| F                | DM6                       | Daimler AG - Stock Future                                    | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 50,7961    |      | 51           | 0             | 22-10-2018         |
| F                | DM6                       | Daimler AG - Stock Future                                    | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 50,7766    |      | 51           | 0             | 22-10-2018         |
| F                | DM6                       | Daimler AG - Stock Future                                    | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 50,7610    |      | 51           | 0             | 22-10-2018         |
| F                | DM6                       | Daimler AG - Stock Future                                    | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 50,7439    |      | 51           | 0             | 22-10-2018         |
| F                | DM6                       | Daimler AG - Stock Future                                    | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 48,0997    |      | 48           | 0             | 22-10-2018         |
| F                | DM6                       | Daimler AG - Stock Future                                    | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 48,0601    |      | 48           | 0             | 22-10-2018         |
| F                | DM8                       | Daimler - Dividend Future                                    | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,6500     |      | 4            | 0             | 22-10-2018         |
| F                | DM8                       | Daimler - Dividend Future                                    | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3000     |      | 3            | 0             | 22-10-2018         |
| F                | DM8                       | Daimler - Dividend Future                                    | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1500     |      | 3            | 0             | 22-10-2018         |
| F                | DM8                       | Daimler - Dividend Future                                    | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,7500     |      | 4            | 0             | 22-10-2018         |
| F                | DM8                       | Daimler - Dividend Future                                    | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8000     |      | 4            | 0             | 22-10-2018         |
| O                | DMQ                       | Daimler Reg - Stock Option                                   | 16-11-2018  | 47,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,3100     |      | 4            | 0             | 22-10-2018         |
| O                | DMQ                       | Daimler Reg - Stock Option                                   | 16-11-2018  | 47,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5100     |      | 1            | 0             | 22-10-2018         |
| O                | DMQ                       | Daimler Reg - Stock Option                                   | 16-11-2018  | 48,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4800     |      | 3            | 0             | 22-10-2018         |
| O                | DMQ                       | Daimler Reg - Stock Option                                   | 16-11-2018  | 48,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6900     |      | 1            | 0             | 22-10-2018         |
| O                | DMQ                       | Daimler Reg - Stock Option                                   | 16-11-2018  | 49,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7400     |      | 3            | 0             | 22-10-2018         |
| O                | DMQ                       | Daimler Reg - Stock Option                                   | 16-11-2018  | 49,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9400     |      | 1            | 0             | 22-10-2018         |
| O                | DMQ                       | Daimler Reg - Stock Option                                   | 16-11-2018  | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1000     |      | 2            | 0             | 22-10-2018         |
| O                | DMQ                       | Daimler Reg - Stock Option                                   | 16-11-2018  | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3000     |      | 1            | 0             | 22-10-2018         |
| O                | DMQ                       | Daimler Reg - Stock Option                                   | 16-11-2018  | 50,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7500     |      | 2            | 0             | 22-10-2018         |
| O                | DMQ                       | Daimler Reg - Stock Option                                   | 16-11-2018  | 50,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4500     |      | 1            | 0             | 22-10-2018         |
| O                | DMQ                       | Daimler Reg - Stock Option                                   | 16-11-2018  | 51,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5000     |      | 2            | 0             | 22-10-2018         |
| O                | DMQ                       | Daimler Reg - Stock Option                                   | 16-11-2018  | 51,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7000     |      | 2            | 0             | 22-10-2018         |
| O                | DMQ                       | Daimler Reg - Stock Option                                   | 16-11-2018  | 51,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2400     |      | 1            | 0             | 22-10-2018         |
| O                | DMQ                       | Daimler Reg - Stock Option                                   | 16-11-2018  | 51,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9500     |      | 2            | 0             | 22-10-2018         |
| O                | DMQ                       | Daimler Reg - Stock Option                                   | 16-11-2018  | 52,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0400     |      | 1            | 0             | 22-10-2018         |
| O                | DMQ                       | Daimler Reg - Stock Option                                   | 16-11-2018  | 52,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2400     |      | 2            | 0             | 22-10-2018         |
| O                | DMQ                       | Daimler Reg - Stock Option                                   | 16-11-2018  | 52,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8900     |      | 1            | 0             | 22-10-2018         |
| O                | DMQ                       | Daimler Reg - Stock Option                                   | 16-11-2018  | 52,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6000     |      | 3            | 0             | 22-10-2018         |
| O                | DMQ                       | Daimler Reg - Stock Option                                   | 16-11-2018  | 53,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7000     |      | 1            | 0             | 22-10-2018         |
| O                | DMQ                       | Daimler Reg - Stock Option                                   | 16-11-2018  | 53,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9100     |      | 3            | 0             | 22-10-2018         |
| O                | DMQ                       | Daimler Reg - Stock Option                                   | 16-11-2018  | 53,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6000     |      | 1            | 0             | 22-10-2018         |
| O                | DMQ                       | Daimler Reg - Stock Option                                   | 16-11-2018  | 53,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3000     |      | 3            | 0             | 22-10-2018         |
| O                | DMQ                       | Daimler Reg - Stock Option                                   | 16-11-2018  | 54,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4600     |      | 0            | 0             | 22-10-2018         |
| O                | DMQ                       | Daimler Reg - Stock Option                                   | 16-11-2018  | 54,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,6600     |      | 4            | 0             | 22-10-2018         |
| O                | DMQ                       | Daimler Reg - Stock Option                                   | 16-11-2018  | 54,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3800     |      | 0            | 79            | 22-10-2018         |
| O                | DMQ                       | Daimler Reg - Stock Option                                   | 16-11-2018  | 54,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,0900     |      | 4            | 0             | 22-10-2018         |
| O                | DMQ                       | Daimler Reg - Stock Option                                   | 16-11-2018  | 55,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3100     |      | 0            | 0             | 22-10-2018         |
| O                | DMQ                       | Daimler Reg - Stock Option                                   | 16-11-2018  | 55,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,5200     |      | 5            | 0             | 22-10-2018         |
| O                | DMQ                       | Daimler Reg - Stock Option                                   | 16-11-2018  | 55,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2500     |      | 0            | 2             | 22-10-2018         |
| O                | DMQ                       | Daimler Reg - Stock Option                                   | 16-11-2018  | 55,5000</      |                   |                   |        |        |        |             |        |            |      |              |               |                    |



Euronext Amsterdam N.V. – Beursplein 5, Amsterdam – Tel: +31 (0) 20 721 4444



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| Instrument Type* | Instrument Trading Symbol | Instrument Name                 | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|---------------------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | DMQ                       | Daimler Reg - Stock Option      | 18-12-2020  | 58,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,3100    |      | 14           | 0             | 22-10-2018         |
| O                | DMQ                       | Daimler Reg - Stock Option      | 18-12-2020  | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9900     |      | 2            | 0             | 22-10-2018         |
| O                | DMQ                       | Daimler Reg - Stock Option      | 18-12-2020  | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,9500    |      | 16           | 0             | 22-10-2018         |
| O                | DMQ                       | Daimler Reg - Stock Option      | 18-12-2020  | 65,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2600     |      | 1            | 0             | 22-10-2018         |
| O                | DMQ                       | Daimler Reg - Stock Option      | 18-12-2020  | 65,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 20,2800    |      | 20           | 0             | 22-10-2018         |
| O                | DMQ                       | Daimler Reg - Stock Option      | 18-12-2020  | 70,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8000     |      | 1            | 0             | 22-10-2018         |
| O                | DMQ                       | Daimler Reg - Stock Option      | 18-12-2020  | 70,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 24,8600    |      | 25           | 0             | 22-10-2018         |
| O                | DMQ                       | Daimler Reg - Stock Option      | 18-12-2020  | 75,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5100     |      | 1            | 0             | 22-10-2018         |
| O                | DMQ                       | Daimler Reg - Stock Option      | 18-12-2020  | 75,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 29,5900    |      | 30           | 0             | 22-10-2018         |
| O                | DMQ                       | Daimler Reg - Stock Option      | 18-12-2020  | 80,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3300     |      | 0            | 0             | 22-10-2018         |
| O                | DMQ                       | Daimler Reg - Stock Option      | 18-12-2020  | 80,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 34,4300    |      | 34           | 0             | 22-10-2018         |
| O                | DMQ                       | Daimler Reg - Stock Option      | 18-12-2020  | 85,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2100     |      | 0            | 0             | 22-10-2018         |
| O                | DMQ                       | Daimler Reg - Stock Option      | 18-12-2020  | 85,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 39,3300    |      | 39           | 0             | 22-10-2018         |
| O                | DMQ                       | Daimler Reg - Stock Option      | 18-12-2020  | 90,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     |      | 0            | 0             | 22-10-2018         |
| O                | DMQ                       | Daimler Reg - Stock Option      | 18-12-2020  | 90,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 44,2800    |      | 44           | 0             | 22-10-2018         |
| O                | DMQ                       | Daimler Reg - Stock Option      | 18-12-2020  | 100,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     |      | 0            | 0             | 22-10-2018         |
| O                | DMQ                       | Daimler Reg - Stock Option      | 18-12-2020  | 100,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 54,2400    |      | 54           | 0             | 22-10-2018         |
| O                | DMQ                       | Daimler Reg - Stock Option      | 18-6-2021   | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,2400    |      | 11           | 0             | 22-10-2018         |
| O                | DMQ                       | Daimler Reg - Stock Option      | 18-6-2021   | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,3300     |      | 5            | 0             | 22-10-2018         |
| O                | DMQ                       | Daimler Reg - Stock Option      | 18-6-2021   | 45,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,5200     |      | 8            | 0             | 22-10-2018         |
| O                | DMQ                       | Daimler Reg - Stock Option      | 18-6-2021   | 45,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,0600     |      | 8            | 0             | 22-10-2018         |
| O                | DMQ                       | Daimler Reg - Stock Option      | 18-6-2021   | 48,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,7900     |      | 6            | 0             | 22-10-2018         |
| O                | DMQ                       | Daimler Reg - Stock Option      | 18-6-2021   | 48,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,9700     |      | 10           | 0             | 22-10-2018         |
| O                | DMQ                       | Daimler Reg - Stock Option      | 18-6-2021   | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,8400     |      | 5            | 5             | 22-10-2018         |
| O                | DMQ                       | Daimler Reg - Stock Option      | 18-6-2021   | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,3200    |      | 11           | 0             | 22-10-2018         |
| O                | DMQ                       | Daimler Reg - Stock Option      | 18-6-2021   | 52,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,0500     |      | 4            | 0             | 22-10-2018         |
| O                | DMQ                       | Daimler Reg - Stock Option      | 18-6-2021   | 52,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,8000    |      | 13           | 0             | 22-10-2018         |
| O                | DMQ                       | Daimler Reg - Stock Option      | 18-6-2021   | 54,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3500     |      | 3            | 0             | 22-10-2018         |
| O                | DMQ                       | Daimler Reg - Stock Option      | 18-6-2021   | 54,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,2900    |      | 14           | 0             | 22-10-2018         |
| O                | DMQ                       | Daimler Reg - Stock Option      | 18-6-2021   | 56,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7900     |      | 3            | 0             | 22-10-2018         |
| O                | DMQ                       | Daimler Reg - Stock Option      | 18-6-2021   | 56,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,9100    |      | 16           | 0             | 22-10-2018         |
| O                | DMQ                       | Daimler Reg - Stock Option      | 18-6-2021   | 58,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3100     |      | 2            | 0             | 22-10-2018         |
| O                | DMQ                       | Daimler Reg - Stock Option      | 18-6-2021   | 58,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,5400    |      | 18           | 0             | 22-10-2018         |
| O                | DMQ                       | Daimler Reg - Stock Option      | 18-6-2021   | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9400     |      | 2            | 0             | 22-10-2018         |
| O                | DMQ                       | Daimler Reg - Stock Option      | 18-6-2021   | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 19,2900    |      | 19           | 0             | 22-10-2018         |
| O                | DMQ                       | Daimler Reg - Stock Option      | 18-6-2021   | 65,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2600     |      | 1            | 0             | 22-10-2018         |
| O                | DMQ                       | Daimler Reg - Stock Option      | 18-6-2021   | 65,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 23,7800    |      | 24           | 0             | 22-10-2018         |
| O                | DMQ                       | Daimler Reg - Stock Option      | 18-6-2021   | 70,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8200     |      | 1            | 0             | 22-10-2018         |
| O                | DMQ                       | Daimler Reg - Stock Option      | 18-6-2021   | 70,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 28,4500    |      | 28           | 0             | 22-10-2018         |
| O                | DMQ                       | Daimler Reg - Stock Option      | 18-6-2021   | 80,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3400     |      | 0            | 0             | 22-10-2018         |
| O                | DMQ                       | Daimler Reg - Stock Option      | 18-6-2021   | 80,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 38,1000    |      | 38           | 0             | 22-10-2018         |
| O                | DMQ                       | Daimler Reg - Stock Option      | 18-6-2021   | 100,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     |      | 0            | 0             | 22-10-2018         |
| O                | DMQ                       | Daimler Reg - Stock Option      | 18-6-2021   | 100,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 57,9200    |      | 58           | 0             | 22-10-2018         |
| F                | DN6                       | DNB - Stock Future              | 16-11-2018  | 0,0000         |                   | NOK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 160,8664   |      | 161          | 0             | 22-10-2018         |
| F                | DN6                       | DNB - Stock Future              | 21-12-2018  | 0,0000         |                   | NOK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 161,0680   |      | 161          | 0             | 22-10-2018         |
| F                | DN6                       | DNB - Stock Future              | 18-1-2019   | 0,0000         |                   | NOK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 161,2784   |      | 161          | 0             | 22-10-2018         |
| F                | DN6                       | DNB - Stock Future              | 15-3-2019   | 0,0000         |                   | NOK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 161,6579   |      | 162          | 0             | 22-10-2018         |
| F                | DN6                       | DNB - Stock Future              | 21-6-2019   | 0,0000         |                   | NOK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 154,9578   |      | 155          | 0             | 22-10-2018         |
| F                | DN6                       | DNB - Stock Future              | 20-9-2019   | 0,0000         |                   | NOK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 155,6173   |      | 156          | 0             | 22-10-2018         |
| F                | DO6                       | Diageo - Stock Future           | 16-11-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2687,1200  |      | 2687         | 0             | 22-10-2018         |
| F                | DO6                       | Diageo - Stock Future           | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2688,7900  |      | 2689         | 0             | 22-10-2018         |
| F                | DO6                       | Diageo - Stock Future           | 18-1-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2690,2100  |      | 2690         | 0             | 22-10-2018         |
| F                | DO6                       | Diageo - Stock Future           | 15-3-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2667,2300  |      | 2667         | 0             | 22-10-2018         |
| F                | DO6                       | Diageo - Stock Future           | 21-6-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2673,0900  |      | 2673         | 0             | 22-10-2018         |
| F                | DO6                       | Diageo - Stock Future           | 20-9-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2636,0200  |      | 2636         | 0             | 22-10-2018         |
| F                | DO8                       | Diageo - Dividend Future        | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 65,3000    |      | 65           | 0             | 22-10-2018         |
| F                | DO8                       | Diageo - Dividend Future        | 20-12-2019  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 68,8000    |      | 69           | 0             | 22-10-2018         |
| F                | DO8                       | Diageo - Dividend Future        | 18-12-2020  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 72,1000    |      | 72           | 0             | 22-10-2018         |
| F                | DO8                       | Diageo - Dividend Future        | 17-12-2021  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 72,1000    |      | 72           | 0             | 22-10-2018         |
| F                | DO8                       | Diageo - Dividend Future        | 16-12-2022  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 72,1000    |      | 72           | 0             | 22-10-2018         |
| F                | DP6                       | Deutsche Post AG - Stock Future | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 28,5922    |      | 29           | 0             | 22-10-2018         |
| F                | DP6                       | Deutsche Post AG - Stock Future | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 28,5812    |      | 29           | 0             | 22-10-2018         |
| F                | DP6                       | Deutsche Post AG - Stock Future | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 28,5724    |      | 29           | 0             | 22-10-2018         |
| F                | DP6                       | Deutsche Post AG - Stock Future | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 28,5628    |      | 29           | 0             | 22-10-2018         |
| F                | DP6                       | Deutsche Post AG - Stock Future | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 27,4978    |      | 27           | 0             | 22-10-2018         |
| F                | DP6                       | Deutsche Post AG - Stock Future | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 27,4752    |      | 27           | 0             | 22-10-2018         |
| F                | DP8                       | Deutsche Post - Dividend Future | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1500     |      | 1            | 0             | 22-10-2018         |
| F                | DP8                       | Deutsche Post - Dividend Future | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2000     |      | 1            | 0             | 22-10-2018         |
| F                | DP8                       | Deutsche Post - Dividend Future | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2600     |      | 1            | 0             | 22-10-2018         |
| F                | DP8                       | Deutsche Post - Dividend Future | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3000     |      | 1            | 0             | 22-10-2018         |
| F                | DP8                       | Deutsche Post - Dividend Future | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3000     |      | 1            | 0             | 22-10-2018         |
| O                | DPQ                       | Deutsche Post - Stock Option    | 16-11-2018  | 26,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7100     |      | 3            | 0             | 22-10-2018         |
| O                | DPQ                       | Deutsche Post - Stock Option    | 16-11-2018  | 26,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     |      | 0            | 0             | 22-10-2018         |
| O                | DPQ                       | Deutsche Post - Stock Option    | 16-11-2018  | 27,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8400     |      | 2            | 0             | 22-10-2018         |
| O                | DPQ                       | Deutsche Post - Stock Option    | 16-11-2018  | 27,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2400     |      | 0            | 0             | 22-10-2018         |
| O                | DPQ                       | Deutsche Post - Stock Option    | 16-11-2018  | 27,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4400     |      | 1            | 0             | 22-10-2018         |
| O                | DPQ                       | Deutsche Post - Stock Option    | 16-11-2018  | 27,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3500     |      | 0            | 0             | 22-10-2018         |
| O                | DPQ                       | Deutsche Post - Stock Option    | 16-11-2018  |                |                   |                   |        |        |        |             |        |            |      |              |               |                    |



Euronext Amsterdam N.V. – Beursplein 5, Amsterdam – Tel: +31 (0) 20 721 4444



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| Instrument Type* | Instrument Trading Symbol | Instrument Name      | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open    | High    | Low     | Trade Count | Close   | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|----------------------|-------------|----------------|-------------------|-------------------|---------|---------|---------|-------------|---------|------------|------|--------------|---------------|--------------------|
| O                | DSM                       | Koninklijke DSM N.V. | 16-11-2018  | 68,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,6300    |      | 11           | 0             | 0 22-10-2018       |
| O                | DSM                       | Koninklijke DSM N.V. | 16-11-2018  | 68,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,4100     |      | 0            | 0             | 50 22-10-2018      |
| O                | DSM                       | Koninklijke DSM N.V. | 16-11-2018  | 72,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,0900     |      | 7            | 0             | 46 22-10-2018      |
| O                | DSM                       | Koninklijke DSM N.V. | 16-11-2018  | 72,0000        | P                 | EUR               | 0,7600  | 0,9400  | 0,7600  | 5           | 0,9400  | 0,8800     |      | 1            | 8             | 267 22-10-2018     |
| O                | DSM                       | Koninklijke DSM N.V. | 16-11-2018  | 74,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,5300     |      | 6            | 0             | 0 22-10-2018       |
| O                | DSM                       | Koninklijke DSM N.V. | 16-11-2018  | 74,0000        | P                 | EUR               | 1,1100  | 1,2800  | 1,1000  | 3           | 1,2800  | 1,2800     |      | 1            | 7             | 7 22-10-2018       |
| O                | DSM                       | Koninklijke DSM N.V. | 16-11-2018  | 76,0000        | C                 | EUR               | 4,6800  | 4,6800  | 4,6800  | 1           | 4,6800  | 4,1200     |      | 4            | 1             | 12 22-10-2018      |
| O                | DSM                       | Koninklijke DSM N.V. | 16-11-2018  | 76,0000        | P                 | EUR               | 1,5000  | 1,8600  | 1,5000  | 8           | 1,8600  | 1,8900     |      | 2            | 27            | 405 22-10-2018     |
| O                | DSM                       | Koninklijke DSM N.V. | 16-11-2018  | 78,0000        | C                 | EUR               | 3,3000  | 3,4000  | 3,3000  | 2           | 3,4000  | 2,9400     |      | 3            | 2             | 55 22-10-2018      |
| O                | DSM                       | Koninklijke DSM N.V. | 16-11-2018  | 78,0000        | P                 | EUR               | 2,2500  | 2,8200  | 2,2500  | 8           | 2,7500  | 2,6900     |      | 3            | 16            | 123 22-10-2018     |
| O                | DSM                       | Koninklijke DSM N.V. | 16-11-2018  | 80,0000        | C                 | EUR               | 2,5000  | 2,5000  | 1,9900  | 14          | 2,0000  | 1,9900     |      | 2            | 54            | 301 22-10-2018     |
| O                | DSM                       | Koninklijke DSM N.V. | 16-11-2018  | 80,0000        | P                 | EUR               | 3,2500  | 3,3700  | 3,2500  | 4           | 3,3700  | 3,7500     |      | 4            | 13            | 530 22-10-2018     |
| O                | DSM                       | Koninklijke DSM N.V. | 16-11-2018  | 82,0000        | C                 | EUR               | 1,6700  | 1,7500  | 1,2200  | 16          | 1,2900  | 1,3100     |      | 1            | 46            | 494 22-10-2018     |
| O                | DSM                       | Koninklijke DSM N.V. | 16-11-2018  | 82,0000        | P                 | EUR               | 4,6800  | 4,6800  | 4,5600  | 3           | 4,5600  | 5,0700     |      | 5            | 3             | 403 22-10-2018     |
| O                | DSM                       | Koninklijke DSM N.V. | 16-11-2018  | 84,0000        | C                 | EUR               | 1,0700  | 1,1700  | 0,7600  | 15          | 0,7600  | 0,8300     |      | 1            | 43            | 772 22-10-2018     |
| O                | DSM                       | Koninklijke DSM N.V. | 16-11-2018  | 84,0000        | P                 | EUR               | 6,4100  | 6,4100  | 6,4100  | 1           | 6,4100  | 6,5800     |      | 7            | 5             | 439 22-10-2018     |
| O                | DSM                       | Koninklijke DSM N.V. | 16-11-2018  | 85,0000        | C                 | EUR               | 0,9500  | 0,9500  | 0,7700  | 10          | 0,7900  | 0,6500     |      | 1            | 18            | 64 22-10-2018      |
| O                | DSM                       | Koninklijke DSM N.V. | 16-11-2018  | 85,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,4200     |      | 7            | 0             | 25 22-10-2018      |
| O                | DSM                       | Koninklijke DSM N.V. | 16-11-2018  | 86,0000        | C                 | EUR               | 0,7600  | 0,7600  | 0,6500  | 7           | 0,6500  | 0,5100     |      | 1            | 26            | 271 22-10-2018     |
| O                | DSM                       | Koninklijke DSM N.V. | 16-11-2018  | 86,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,2700     |      | 8            | 0             | 202 22-10-2018     |
| O                | DSM                       | Koninklijke DSM N.V. | 16-11-2018  | 88,0000        | C                 | EUR               | 0,4800  | 0,4800  | 0,3700  | 9           | 0,3800  | 0,3300     |      | 0            | 28            | 555 22-10-2018     |
| O                | DSM                       | Koninklijke DSM N.V. | 16-11-2018  | 88,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,0900    |      | 10           | 0             | 440 22-10-2018     |
| O                | DSM                       | Koninklijke DSM N.V. | 16-11-2018  | 90,0000        | C                 | EUR               | 0,2500  | 0,2700  | 0,2500  | 4           | 0,2700  | 0,2100     |      | 0            | 14            | 659 22-10-2018     |
| O                | DSM                       | Koninklijke DSM N.V. | 16-11-2018  | 90,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 11,9900    |      | 12           | 0             | 217 22-10-2018     |
| O                | DSM                       | Koninklijke DSM N.V. | 16-11-2018  | 92,0000        | C                 | EUR               | 0,1500  | 0,1500  | 0,1500  | 1           | 0,1500  | 0,1600     |      | 0            | 1             | 301 22-10-2018     |
| O                | DSM                       | Koninklijke DSM N.V. | 16-11-2018  | 92,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 13,9100    |      | 14           | 0             | 139 22-10-2018     |
| O                | DSM                       | Koninklijke DSM N.V. | 16-11-2018  | 94,0000        | C                 | EUR               | 0,1300  | 0,1300  | 0,1300  | 1           | 0,1300  | 0,1200     |      | 0            | 2             | 784 22-10-2018     |
| O                | DSM                       | Koninklijke DSM N.V. | 16-11-2018  | 94,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 15,8500    |      | 16           | 0             | 72 22-10-2018      |
| O                | DSM                       | Koninklijke DSM N.V. | 16-11-2018  | 96,0000        | C                 | EUR               | 0,1100  | 0,1100  | 0,0900  | 2           | 0,0900  | 0,0700     |      | 0            | 6             | 181 22-10-2018     |
| O                | DSM                       | Koninklijke DSM N.V. | 16-11-2018  | 96,0000        | P                 | EUR               | 17,9800 | 17,9800 | 17,9800 | 1           | 17,9800 | 17,8300    |      | 18           | 1             | 61 22-10-2018      |
| O                | DSM                       | Koninklijke DSM N.V. | 16-11-2018  | 100,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0500     |      | 0            | 0             | 67 22-10-2018      |
| O                | DSM                       | Koninklijke DSM N.V. | 16-11-2018  | 100,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 21,8000    |      | 22           | 0             | 31 22-10-2018      |
| O                | DSM                       | Koninklijke DSM N.V. | 16-11-2018  | 104,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0400     |      | 0            | 0             | 24 22-10-2018      |
| O                | DSM                       | Koninklijke DSM N.V. | 16-11-2018  | 104,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 25,8000    |      | 26           | 0             | 48 22-10-2018      |
| O                | DSM                       | Koninklijke DSM N.V. | 21-12-2018  | 25,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 53,2400    |      | 53           | 0             | 0 22-10-2018       |
| O                | DSM                       | Koninklijke DSM N.V. | 21-12-2018  | 25,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 202 22-10-2018     |
| O                | DSM                       | Koninklijke DSM N.V. | 21-12-2018  | 30,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 48,2400    |      | 48           | 0             | 2 22-10-2018       |
| O                | DSM                       | Koninklijke DSM N.V. | 21-12-2018  | 30,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 404 22-10-2018     |
| O                | DSM                       | Koninklijke DSM N.V. | 21-12-2018  | 35,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 43,2400    |      | 43           | 0             | 0 22-10-2018       |
| O                | DSM                       | Koninklijke DSM N.V. | 21-12-2018  | 35,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 262 22-10-2018     |
| O                | DSM                       | Koninklijke DSM N.V. | 21-12-2018  | 40,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 38,2400    |      | 38           | 0             | 124 22-10-2018     |
| O                | DSM                       | Koninklijke DSM N.V. | 21-12-2018  | 40,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 1028 22-10-2018    |
| O                | DSM                       | Koninklijke DSM N.V. | 21-12-2018  | 45,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 33,2400    |      | 33           | 0             | 1 22-10-2018       |
| O                | DSM                       | Koninklijke DSM N.V. | 21-12-2018  | 45,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 1003 22-10-2018    |
| O                | DSM                       | Koninklijke DSM N.V. | 21-12-2018  | 50,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 28,2400    |      | 28           | 0             | 83 22-10-2018      |
| O                | DSM                       | Koninklijke DSM N.V. | 21-12-2018  | 50,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0600     |      | 0            | 0             | 1249 22-10-2018    |
| O                | DSM                       | Koninklijke DSM N.V. | 21-12-2018  | 55,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 23,3700    |      | 23           | 0             | 99 22-10-2018      |
| O                | DSM                       | Koninklijke DSM N.V. | 21-12-2018  | 55,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1300     |      | 0            | 0             | 1149 22-10-2018    |
| O                | DSM                       | Koninklijke DSM N.V. | 21-12-2018  | 60,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 18,4400    |      | 18           | 0             | 32 22-10-2018      |
| O                | DSM                       | Koninklijke DSM N.V. | 21-12-2018  | 60,0000        | P                 | EUR               | 0,2700  | 0,2700  | 0,2700  | 1           | 0,2700  | 0,2600     |      | 0            | 2             | 1487 22-10-2018    |
| O                | DSM                       | Koninklijke DSM N.V. | 21-12-2018  | 65,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 13,6900    |      | 14           | 0             | 226 22-10-2018     |
| O                | DSM                       | Koninklijke DSM N.V. | 21-12-2018  | 65,0000        | P                 | EUR               | 0,5500  | 0,5500  | 0,5500  | 1           | 0,5500  | 0,5000     |      | 1            | 10            | 2904 22-10-2018    |
| O                | DSM                       | Koninklijke DSM N.V. | 21-12-2018  | 68,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,9800    |      | 11           | 0             | 0 22-10-2018       |
| O                | DSM                       | Koninklijke DSM N.V. | 21-12-2018  | 68,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,7700     |      | 1            | 0             | 190 22-10-2018     |
| O                | DSM                       | Koninklijke DSM N.V. | 21-12-2018  | 70,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 9,2500     |      | 9            | 0             | 113 22-10-2018     |
| O                | DSM                       | Koninklijke DSM N.V. | 21-12-2018  | 70,0000        | P                 | EUR               | 0,9200  | 1,1000  | 0,9200  | 4           | 1,1000  | 1,0400     |      | 1            | 8             | 3386 22-10-2018    |
| O                | DSM                       | Koninklijke DSM N.V. | 21-12-2018  | 72,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,6300     |      | 8            | 0             | 165 22-10-2018     |
| O                | DSM                       | Koninklijke DSM N.V. | 21-12-2018  | 72,0000        | P                 | EUR               | 1,2900  | 1,2900  | 1,2600  | 2           | 1,2600  | 1,4200     |      | 1            | 2             | 250 22-10-2018     |
| O                | DSM                       | Koninklijke DSM N.V. | 21-12-2018  | 75,0000        | C                 | EUR               | 6,3000  | 6,3300  | 6,2000  | 4           | 6,2000  | 5,4500     |      | 5            | 8             | 218 22-10-2018     |
| O                | DSM                       | Koninklijke DSM N.V. | 21-12-2018  | 75,0000        | P                 | EUR               | 2,0200  | 2,0200  | 2,0200  | 1           | 2,0200  | 2,2300     |      | 2            | 2             | 2041 22-10-2018    |
| O                | DSM                       | Koninklijke DSM N.V. | 21-12-2018  | 76,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,8100     |      | 5            | 0             | 0 22-10-2018       |
| O                | DSM                       | Koninklijke DSM N.V. | 21-12-2018  | 76,0000        | P                 | EUR               | 2,2000  | 2,2000  | 2,2000  | 1           | 2,2000  | 2,5900     |      | 3            | 1             | 1 22-10-2018       |
| O                | DSM                       | Koninklijke DSM N.V. | 21-12-2018  | 78,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,6500     |      | 4            | 0             | 160 22-10-2018     |
| O                | DSM                       | Koninklijke DSM N.V. | 21-12-2018  | 78,0000        | P                 | EUR               | 3,0100  | 3,2100  | 3,0100  | 2           | 3,2100  | 3,4400     |      | 3            | 3             | 173 22-10-2018     |
| O                | DSM                       | Koninklijke DSM N.V. | 21-12-2018  | 80,0000        | C                 | EUR               | 3,4700  | 3,4700  | 2,6300  | 5           | 2,6300  | 2,7000     |      | 3            | 10            | 455 22-10-2018     |
| O                | DSM                       | Koninklijke DSM N.V. | 21-12-2018  | 80,0000        | P                 | EUR               | 4,0000  | 4,1500  | 4,0000  | 3           | 4,1000  | 4,4900     |      | 4            | 3             | 3165 22-10-2018    |
| O                | DSM                       | Koninklijke DSM N.V. | 21-12-2018  | 82,0000        | C                 | EUR               | 2,1800  | 2,2200  | 2,1400  | 6           | 2,1500  | 1,9500     |      | 2            | 1004          | 589 22-10-2018     |
| O                | DSM                       | Koninklijke DSM N.V. | 21-12-2018  | 82,0000        | P                 | EUR               | 5,4100  | 5,4100  | 5,4100  | 1           | 5,4100  | 5,7300     |      | 6            | 2             | 137 22-10-2018     |
| O                | DSM                       | Koninklijke DSM N.V. | 21-12-2018  | 84,0000        | C                 | EUR               | 1,7300  | 1,7300  | 1,4300  | 6           | 1,4300  | 1,3800     |      | 1            | 32            | 529 22-10-2018     |
| O                | DSM                       | Koninklijke DSM N.V. | 21-12-2018  | 84,0000        | P                 | EUR               | 7,0000  | 7,0000  | 7,0000  | 1           | 7,0000  | 7,1700     |      | 7            | 10            | 121 22-10-2018     |
| O                | DSM                       | Koninklijke DSM N.V. | 21-12-2018  | 85,0000        | C                 | EUR               | 1,5500  | 1,5500  | 1,2100  | 8           | 1,2100  | 1,1400     |      | 1            | 70            | 1100 22-10-2018    |
| O                | DSM                       | Koninklijke DSM N.V. | 21-12-2018  | 85,0000        | P                 | EUR               | 7,2500  | 7,2500  | 7,2500  | 3           | 7,2500  | 7,9100     |      | 8            | 5             | 2465 22-10-2018    |
| O                | DSM                       | Koninklijke DSM N.V. | 21-12-2018  | 86,0000        | C                 | EUR               | 1,0500  | 1,1000  | 0,9000  | 4           | 0,9100  | 0,9500     |      | 1            | 10            | 127 22-10-2018     |
| O                | DSM                       | Koninklijke DSM N.V. | 21-12-2018  | 86,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,7600     |      | 9            | 0             | 101 22-10-2018     |
| O                | DSM                       | Koninklijke DSM N.V. | 21-12-2018  | 88,0000        | C                 | EUR               | 0,7800  | 0,7800  | 0,7200  | 4           | 0,7200  | 0,6700     |      | 1            | 8             | 119 22-10-2018     |
| O                | DSM                       | Koninklijke DSM N.V. |             |                |                   |                   |         |         |         |             |         |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name      | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open    | High    | Low     | Trade Count | Close   | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|----------------------|-------------|----------------|-------------------|-------------------|---------|---------|---------|-------------|---------|------------|------|--------------|---------------|--------------------|
| O                | DSM                       | Koninklijke DSM N.V. | 21-12-2018  | 95,0000        | P                 | EUR               | 17,1600 | 17,1600 | 17,1600 | 1           | 17,1600 | 17,0000    | 17   | 1            | 398           | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 21-12-2018  | 100,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1100     | 0    | 0            | 1645          | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 21-12-2018  | 100,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 21,9000    | 22   | 0            | 1845          | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 21-12-2018  | 104,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0600     | 0    | 0            | 53            | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 21-12-2018  | 104,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 25,8500    | 26   | 0            | 0             | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 21-12-2018  | 110,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 144           | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 21-12-2018  | 110,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 31,8400    | 32   | 0            | 15            | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 21-12-2018  | 120,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 34            | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 21-12-2018  | 120,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 41,8400    | 42   | 0            | 112           | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 21-12-2018  | 140,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 44            | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 21-12-2018  | 140,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 61,8500    | 62   | 0            | 55            | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 18-1-2019   | 64,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 14,7400    | 15   | 0            | 0             | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 18-1-2019   | 64,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,5100     | 1    | 0            | 0             | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 18-1-2019   | 68,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 11,1300    | 11   | 0            | 0             | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 18-1-2019   | 68,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,9100     | 1    | 0            | 0             | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 18-1-2019   | 72,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,8300     | 8    | 0            | 0             | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 18-1-2019   | 72,0000        | P                 | EUR               | 1,5000  | 1,5000  | 1,5000  | 1           | 1,5000  | 1,6300     | 2    | 2            | 2             | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 18-1-2019   | 76,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,1200     | 5    | 0            | 0             | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 18-1-2019   | 76,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,8800     | 3    | 0            | 0             | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 18-1-2019   | 78,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,9600     | 4    | 0            | 0             | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 18-1-2019   | 78,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,7800     | 4    | 0            | 0             | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 18-1-2019   | 80,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,0000     | 3    | 0            | 0             | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 18-1-2019   | 80,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,8200     | 5    | 0            | 0             | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 18-1-2019   | 82,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,2300     | 2    | 0            | 0             | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 18-1-2019   | 82,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,0300     | 6    | 0            | 0             | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 18-1-2019   | 84,0000        | C                 | EUR               | 1,8200  | 1,8200  | 1,8200  | 1           | 1,8200  | 1,6200     | 2    | 3            | 3             | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 18-1-2019   | 84,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,4200     | 7    | 0            | 0             | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 18-1-2019   | 88,0000        | C                 | EUR               | 0,8900  | 0,8900  | 0,8900  | 1           | 0,8900  | 0,8400     | 1    | 4            | 4             | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 18-1-2019   | 88,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,6500    | 11   | 0            | 0             | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 18-1-2019   | 92,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,4400     | 0    | 0            | 0             | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 18-1-2019   | 92,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 14,2600    | 14   | 0            | 0             | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 15-3-2019   | 55,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 23,4400    | 23   | 0            | 2             | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 15-3-2019   | 55,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2200     | 0    | 0            | 56            | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 15-3-2019   | 60,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 18,6400    | 19   | 0            | 37            | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 15-3-2019   | 60,0000        | P                 | EUR               | 0,4500  | 0,4500  | 0,4500  | 1           | 0,4500  | 0,4600     | 0    | 1            | 91            | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 15-3-2019   | 70,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 9,9200     | 10   | 0            | 17            | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 15-3-2019   | 70,0000        | P                 | EUR               | 1,6700  | 1,7200  | 1,6700  | 2           | 1,7200  | 1,7600     | 2    | 11           | 180           | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 15-3-2019   | 75,0000        | C                 | EUR               | 15,0000 | 7,0000  | 7,0000  | 1           | 7,0000  | 6,4500     | 6    | 2            | 60            | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 15-3-2019   | 75,0000        | P                 | EUR               | 3,0800  | 3,0800  | 3,0800  | 1           | 3,0800  | 3,2700     | 3    | 1            | 425           | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 15-3-2019   | 80,0000        | C                 | EUR               | 4,4300  | 4,4300  | 3,8000  | 5           | 3,8000  | 3,8000     | 4    | 11           | 329           | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 15-3-2019   | 80,0000        | P                 | EUR               | 5,0000  | 5,6000  | 5,0000  | 3           | 5,6000  | 5,6500     | 6    | 6            | 292           | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 15-3-2019   | 85,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,0600     | 2    | 0            | 300           | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 15-3-2019   | 85,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,9000     | 9    | 0            | 1378          | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 15-3-2019   | 90,0000        | C                 | EUR               | 1,2000  | 1,2000  | 1,0000  | 3           | 1,0000  | 1,0500     | 1    | 4            | 1319          | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 15-3-2019   | 90,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,9000    | 13   | 0            | 372           | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 15-3-2019   | 95,0000        | C                 | EUR               | 0,5500  | 0,5500  | 0,5100  | 5           | 0,5100  | 0,5400     | 1    | 5            | 311           | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 15-3-2019   | 95,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 17,3600    | 17   | 0            | 100           | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 15-3-2019   | 100,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2800     | 0    | 0            | 390           | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 15-3-2019   | 100,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 22,1600    | 22   | 0            | 48            | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 15-3-2019   | 110,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0800     | 0    | 0            | 108           | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 15-3-2019   | 110,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 31,9500    | 32   | 0            | 20            | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 15-3-2019   | 120,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0500     | 0    | 0            | 7             | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 15-3-2019   | 120,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 41,9500    | 42   | 0            | 12            | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 15-3-2019   | 140,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0200     | 0    | 0            | 1             | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 15-3-2019   | 140,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 61,9500    | 62   | 0            | 1             | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 21-6-2019   | 40,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 38,2600    | 38   | 0            | 0             | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 21-6-2019   | 40,0000        | P                 | EUR               | 0,0800  | 0,0800  | 0,0800  | 1           | 0,0800  | 0,0700     | 0    | 5            | 164           | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 21-6-2019   | 50,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 28,3700    | 28   | 0            | 0             | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 21-6-2019   | 50,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2300     | 0    | 0            | 1080          | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 21-6-2019   | 55,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 23,4900    | 23   | 0            | 14            | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 21-6-2019   | 55,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,4600     | 0    | 0            | 795           | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 21-6-2019   | 60,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 18,7600    | 19   | 0            | 14            | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 21-6-2019   | 60,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,8800     | 1    | 0            | 309           | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 21-6-2019   | 70,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,4200    | 10   | 0            | 63            | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 21-6-2019   | 70,0000        | P                 | EUR               | 2,7700  | 2,9500  | 2,7700  | 3           | 2,9500  | 2,8900     | 3    | 11           | 1357          | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 21-6-2019   | 75,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,0400     | 7    | 0            | 0             | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 21-6-2019   | 75,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,7800     | 5    | 0            | 35            | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 21-6-2019   | 80,0000        | C                 | EUR               | 4,7000  | 4,7000  | 4,7000  | 1           | 4,7000  | 4,4800     | 4    | 1            | 2854          | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 21-6-2019   | 80,0000        | P                 | EUR               | 6,7000  | 7,2100  | 6,7000  | 4           | 7,2100  | 7,4100     | 7    | 11           | 1615          | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 21-6-2019   | 85,0000        | C                 | EUR               | 2,9000  | 2,9000  | 2,9000  | 1           | 2,9000  | 2,6700     | 3    | 2            | 99            | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 21-6-2019   | 85,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,7500    | 11   | 0            | 212           | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 21-6-2019   | 90,0000        | C                 | EUR               | 1,8500  | 1,8500  | 1,6500  | 6           | 1,6500  | 1,5200     | 2    | 8            | 1380          | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 21-6-2019   | 90,0000        | P                 | EUR               | 14,2500 | 14,2500 | 14,2500 | 1           | 14,2500 | 14,7000    | 15   | 5            | 1570          | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 21-6-2019   | 95,0000        | C                 | EUR               | 1,0400  | 1,0400  | 1,0400  | 1           | 1,0400  | 0,8400     | 1    | 2            | 314           | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 21-6-2019   | 95,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 19,0900    | 19   | 0            | 54            | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 21-6-2019   | 100,0000       | C                 | EUR               | 0,5500  | 0,5500  | 0,5500  | 1           | 0,5500  | 0,4700     | 0    |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name      | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open    | High    | Low     | Trade Count | Close   | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|----------------------|-------------|----------------|-------------------|-------------------|---------|---------|---------|-------------|---------|------------|------|--------------|---------------|--------------------|
| O                | DSM                       | Koninklijke DSM N.V. | 20-9-2019   | 55,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 23,4900    | 23   | 0            | 0             | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 20-9-2019   | 55,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,7000     | 1    | 0            | 0             | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 20-9-2019   | 60,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 18,8400    | 19   | 0            | 52            | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 20-9-2019   | 60,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,3000     | 1    | 0            | 0             | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 20-9-2019   | 70,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,6600    | 11   | 0            | 39            | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 20-9-2019   | 70,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,7700     | 4    | 0            | 92            | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 20-9-2019   | 75,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,4400     | 7    | 0            | 42            | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 20-9-2019   | 75,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,8400     | 6    | 0            | 44            | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 20-9-2019   | 80,0000        | C                 | EUR               | 5,0500  | 5,0500  | 5,0500  | 1           | 5,0500  | 4,9500     | 5    | 10           | 98            | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 20-9-2019   | 80,0000        | P                 | EUR               | 8,4500  | 8,4500  | 8,4500  | 1           | 8,4500  | 8,5600     | 9    | 1            | 55            | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 20-9-2019   | 85,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,1400     | 3    | 0            | 56            | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 20-9-2019   | 85,0000        | P                 | EUR               | 11,7000 | 11,7000 | 11,7000 | 1           | 11,7000 | 11,9500    | 12   | 1            | 45            | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 20-9-2019   | 90,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,9100     | 2    | 0            | 35            | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 20-9-2019   | 90,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 15,7900    | 16   | 0            | 14            | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 20-9-2019   | 95,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,1200     | 1    | 0            | 21            | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 20-9-2019   | 95,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 20,1000    | 20   | 0            | 0             | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 20-9-2019   | 100,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,6600     | 1    | 0            | 6             | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 20-9-2019   | 100,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 24,6900    | 25   | 0            | 17            | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 20-9-2019   | 110,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2500     | 0    | 0            | 11            | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 20-9-2019   | 110,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 34,2800    | 34   | 0            | 0             | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 20-9-2019   | 120,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0600     | 0    | 0            | 0             | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 20-9-2019   | 120,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 44,1300    | 44   | 0            | 10            | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 20-9-2019   | 140,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 20-9-2019   | 140,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 64,1100    | 64   | 0            | 95            | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 20-12-2019  | 25,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 53,2700    | 53   | 0            | 0             | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 20-12-2019  | 25,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 143           | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 20-12-2019  | 30,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 48,2500    | 48   | 0            | 3             | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 20-12-2019  | 30,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0200     | 0    | 0            | 499           | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 20-12-2019  | 35,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 43,2400    | 43   | 0            | 3             | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 20-12-2019  | 35,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0800     | 0    | 0            | 285           | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 20-12-2019  | 40,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 38,2500    | 38   | 0            | 2             | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 20-12-2019  | 40,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1500     | 0    | 0            | 671           | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 20-12-2019  | 45,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 33,2700    | 33   | 0            | 24            | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 20-12-2019  | 45,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2900     | 0    | 0            | 506           | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 20-12-2019  | 50,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 28,3500    | 28   | 0            | 54            | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 20-12-2019  | 50,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,5400     | 1    | 0            | 1163          | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 20-12-2019  | 55,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 23,5400    | 24   | 0            | 4             | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 20-12-2019  | 55,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,9800     | 1    | 0            | 904           | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 20-12-2019  | 60,0000        | C                 | EUR               | 19,9000 | 19,9000 | 19,9000 | 1           | 19,9000 | 18,9600    | 19   | 10           | 95            | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 20-12-2019  | 60,0000        | P                 | EUR               | 1,6300  | 1,6300  | 1,6300  | 2           | 1,6300  | 1,7100     | 2    | 5            | 426           | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 20-12-2019  | 65,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 14,7200    | 15   | 0            | 85            | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 20-12-2019  | 65,0000        | P                 | EUR               | 2,6500  | 2,6500  | 2,6500  | 1           | 2,6500  | 2,8200     | 3    | 1            | 332           | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 20-12-2019  | 70,0000        | C                 | EUR               | 11,0200 | 11,0200 | 11,0200 | 1           | 11,0200 | 11,0300    | 11   | 1            | 616           | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 20-12-2019  | 70,0000        | P                 | EUR               | 4,1200  | 4,1200  | 4,1200  | 2           | 4,1200  | 4,4000     | 4    | 4            | 568           | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 20-12-2019  | 80,0000        | C                 | EUR               | 5,7500  | 5,7500  | 5,3500  | 5           | 5,4700  | 5,4700     | 5    | 5            | 1356          | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 20-12-2019  | 80,0000        | P                 | EUR               | 9,0000  | 9,0000  | 9,0000  | 3           | 9,0000  | 9,3000     | 9    | 20           | 2063          | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 20-12-2019  | 90,0000        | C                 | EUR               | 2,5800  | 2,5800  | 2,3600  | 3           | 2,3600  | 2,3900     | 2    | 4            | 1106          | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 20-12-2019  | 90,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 16,3600    | 16   | 0            | 797           | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 20-12-2019  | 95,0000        | C                 | EUR               | 1,6500  | 1,6500  | 1,6400  | 2           | 1,6400  | 1,5200     | 2    | 2            | 102           | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 20-12-2019  | 95,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 20,5300    | 21   | 0            | 60            | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 20-12-2019  | 100,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,9500     | 1    | 0            | 1796          | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 20-12-2019  | 100,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 24,9900    | 25   | 0            | 369           | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 20-12-2019  | 110,0000       | C                 | EUR               | 0,4200  | 0,4200  | 0,4200  | 1           | 0,4200  | 0,3900     | 0    | 1            | 145           | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 20-12-2019  | 110,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 34,4300    | 34   | 0            | 20            | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 20-12-2019  | 150,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 4             | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 20-12-2019  | 150,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 74,2300    | 74   | 0            | 235           | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 19-6-2020   | 50,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 28,4200    | 28   | 0            | 18            | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 19-6-2020   | 50,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,0300     | 1    | 0            | 13            | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 19-6-2020   | 60,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 19,2600    | 19   | 0            | 131           | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 19-6-2020   | 60,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,7700     | 3    | 0            | 413           | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 19-6-2020   | 70,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 11,7100    | 12   | 0            | 12            | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 19-6-2020   | 70,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,0500     | 6    | 0            | 67            | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 19-6-2020   | 80,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,4700     | 6    | 0            | 19            | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 19-6-2020   | 80,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 11,2600    | 11   | 0            | 44            | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 19-6-2020   | 90,0000        | C                 | EUR               | 3,4100  | 3,4100  | 3,2000  | 2           | 3,2000  | 3,2800     | 3    | 2            | 90            | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 19-6-2020   | 90,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 18,3600    | 18   | 0            | 118           | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 19-6-2020   | 100,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,6200     | 2    | 0            | 888           | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 19-6-2020   | 100,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 26,8300    | 27   | 0            | 179           | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 19-6-2020   | 110,0000       | C                 | EUR               | 0,8000  | 0,8000  | 0,8000  | 1           | 0,8000  | 0,7800     | 1    | 1            | 23            | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 19-6-2020   | 110,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 36,0600    | 36   | 0            | 3             | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 19-6-2020   | 150,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0800     | 0    | 0            | 0             | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 19-6-2020   | 150,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 75,6300    | 76   | 0            | 10            | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 18-12-2020  | 25,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 53,3000    | 53   | 0            | 0             | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 18-12-2020  | 25,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0500     | 0    | 0            | 105           | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 18-12-2020  | 30,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 48,2700    | 48   | 0            | 0             | 22-10-2018         |
| O                | DSM                       | Koninklijke DSM N.V. | 18-12-2020  | 30,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,      |             |         |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name               | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open    | High    | Low     | Trade Count | Close   | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|-------------------------------|-------------|----------------|-------------------|-------------------|---------|---------|---------|-------------|---------|------------|------|--------------|---------------|--------------------|
| O                | DSM                       | Koninklijke DSM N.V.          | 18-12-2020  | 60,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,6800     |      | 4            | 0             | 233 22-10-2018     |
| O                | DSM                       | Koninklijke DSM N.V.          | 18-12-2020  | 65,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 15,6200    |      | 16           | 0             | 228 22-10-2018     |
| O                | DSM                       | Koninklijke DSM N.V.          | 18-12-2020  | 65,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,3000     |      | 5            | 0             | 212 22-10-2018     |
| O                | DSM                       | Koninklijke DSM N.V.          | 18-12-2020  | 70,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,2500    |      | 12           | 0             | 295 22-10-2018     |
| O                | DSM                       | Koninklijke DSM N.V.          | 18-12-2020  | 70,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,3700     |      | 7            | 0             | 404 22-10-2018     |
| O                | DSM                       | Koninklijke DSM N.V.          | 18-12-2020  | 80,0000        | C                 | EUR               | 7,3000  | 7,3000  | 7,0000  | 2           | 7,0000  | 7,1900     |      | 7            | 10            | 701 22-10-2018     |
| O                | DSM                       | Koninklijke DSM N.V.          | 18-12-2020  | 80,0000        | P                 | EUR               | 12,4000 | 12,4000 | 12,4000 | 1           | 12,4000 | 12,7100    |      | 13           | 1             | 175 22-10-2018     |
| O                | DSM                       | Koninklijke DSM N.V.          | 18-12-2020  | 90,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,0400     |      | 4            | 0             | 287 22-10-2018     |
| O                | DSM                       | Koninklijke DSM N.V.          | 18-12-2020  | 90,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 19,7800    |      | 20           | 0             | 156 22-10-2018     |
| O                | DSM                       | Koninklijke DSM N.V.          | 18-12-2020  | 100,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,2100     |      | 2            | 0             | 459 22-10-2018     |
| O                | DSM                       | Koninklijke DSM N.V.          | 18-12-2020  | 100,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 28,0800    |      | 28           | 0             | 195 22-10-2018     |
| O                | DSM                       | Koninklijke DSM N.V.          | 18-12-2020  | 150,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1100     |      | 0            | 0             | 226 22-10-2018     |
| O                | DSM                       | Koninklijke DSM N.V.          | 18-12-2020  | 150,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 76,3300    |      | 76           | 0             | 405 22-10-2018     |
| O                | DSM                       | Koninklijke DSM N.V.          | 17-12-2021  | 40,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 38,2400    |      | 38           | 0             | 10 22-10-2018      |
| O                | DSM                       | Koninklijke DSM N.V.          | 17-12-2021  | 40,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,0100     |      | 1            | 0             | 201 22-10-2018     |
| O                | DSM                       | Koninklijke DSM N.V.          | 17-12-2021  | 45,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 33,2700    |      | 33           | 0             | 10 22-10-2018      |
| O                | DSM                       | Koninklijke DSM N.V.          | 17-12-2021  | 45,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,6600     |      | 2            | 0             | 185 22-10-2018     |
| O                | DSM                       | Koninklijke DSM N.V.          | 17-12-2021  | 50,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 28,4700    |      | 28           | 0             | 50 22-10-2018      |
| O                | DSM                       | Koninklijke DSM N.V.          | 17-12-2021  | 50,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,5900     |      | 3            | 0             | 345 22-10-2018     |
| O                | DSM                       | Koninklijke DSM N.V.          | 17-12-2021  | 55,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 23,9800    |      | 24           | 0             | 287 22-10-2018     |
| O                | DSM                       | Koninklijke DSM N.V.          | 17-12-2021  | 55,0000        | P                 | EUR               | 3,5500  | 3,5500  | 3,5500  | 1           | 3,5500  | 3,8200     |      | 4            | 1             | 327 22-10-2018     |
| O                | DSM                       | Koninklijke DSM N.V.          | 17-12-2021  | 60,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 19,8000    |      | 20           | 0             | 65 22-10-2018      |
| O                | DSM                       | Koninklijke DSM N.V.          | 17-12-2021  | 60,0000        | P                 | EUR               | 5,2500  | 5,2500  | 5,2500  | 1           | 5,2500  | 5,4200     |      | 5            | 1             | 581 22-10-2018     |
| O                | DSM                       | Koninklijke DSM N.V.          | 17-12-2021  | 65,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 16,1900    |      | 16           | 0             | 520 22-10-2018     |
| O                | DSM                       | Koninklijke DSM N.V.          | 17-12-2021  | 65,0000        | P                 | EUR               | 7,4000  | 7,4000  | 7,4000  | 1           | 7,4000  | 7,3100     |      | 7            | 1             | 659 22-10-2018     |
| O                | DSM                       | Koninklijke DSM N.V.          | 17-12-2021  | 70,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 13,1000    |      | 13           | 0             | 453 22-10-2018     |
| O                | DSM                       | Koninklijke DSM N.V.          | 17-12-2021  | 70,0000        | P                 | EUR               | 9,5000  | 9,5000  | 9,5000  | 1           | 9,5000  | 9,5700     |      | 10           | 1             | 362 22-10-2018     |
| O                | DSM                       | Koninklijke DSM N.V.          | 17-12-2021  | 75,0000        | C                 | EUR               | 11,0000 | 11,0000 | 10,4500 | 2           | 10,4500 | 10,5100    |      | 11           | 2             | 340 22-10-2018     |
| O                | DSM                       | Koninklijke DSM N.V.          | 17-12-2021  | 75,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,2300    |      | 12           | 0             | 903 22-10-2018     |
| O                | DSM                       | Koninklijke DSM N.V.          | 17-12-2021  | 80,0000        | C                 | EUR               | 8,3500  | 8,3500  | 8,3500  | 1           | 8,3500  | 8,4000     |      | 8            | 10            | 737 22-10-2018     |
| O                | DSM                       | Koninklijke DSM N.V.          | 17-12-2021  | 80,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 15,2400    |      | 15           | 0             | 380 22-10-2018     |
| O                | DSM                       | Koninklijke DSM N.V.          | 17-12-2021  | 90,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,2000     |      | 5            | 0             | 307 22-10-2018     |
| O                | DSM                       | Koninklijke DSM N.V.          | 17-12-2021  | 90,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 22,3000    |      | 22           | 0             | 80 22-10-2018      |
| O                | DSM                       | Koninklijke DSM N.V.          | 17-12-2021  | 100,0000       | C                 | EUR               | 3,4000  | 3,4000  | 3,1500  | 2           | 3,1500  | 3,1800     |      | 3            | 11            | 616 22-10-2018     |
| O                | DSM                       | Koninklijke DSM N.V.          | 17-12-2021  | 100,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 30,4600    |      | 30           | 0             | 168 22-10-2018     |
| O                | DSM                       | Koninklijke DSM N.V.          | 17-12-2021  | 150,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2900     |      | 0            | 0             | 179 22-10-2018     |
| O                | DSM                       | Koninklijke DSM N.V.          | 17-12-2021  | 150,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 78,0300    |      | 78           | 0             | 140 22-10-2018     |
| O                | DSM                       | Koninklijke DSM N.V.          | 16-12-2022  | 50,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 28,5200    |      | 29           | 0             | 14 22-10-2018      |
| O                | DSM                       | Koninklijke DSM N.V.          | 16-12-2022  | 50,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,7100     |      | 4            | 0             | 504 22-10-2018     |
| O                | DSM                       | Koninklijke DSM N.V.          | 16-12-2022  | 60,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 20,2500    |      | 20           | 0             | 301 22-10-2018     |
| O                | DSM                       | Koninklijke DSM N.V.          | 16-12-2022  | 60,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,9800     |      | 7            | 0             | 560 22-10-2018     |
| O                | DSM                       | Koninklijke DSM N.V.          | 16-12-2022  | 80,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 9,4700     |      | 9            | 0             | 656 22-10-2018     |
| O                | DSM                       | Koninklijke DSM N.V.          | 16-12-2022  | 80,0000        | P                 | EUR               | 17,4500 | 17,4500 | 17,4500 | 1           | 17,4500 | 17,4900    |      | 17           | 4             | 825 22-10-2018     |
| O                | DSM                       | Koninklijke DSM N.V.          | 16-12-2022  | 90,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,2600     |      | 6            | 0             | 609 22-10-2018     |
| O                | DSM                       | Koninklijke DSM N.V.          | 16-12-2022  | 90,0000        | P                 | EUR               | 24,0000 | 24,0000 | 24,0000 | 1           | 24,0000 | 24,4800    |      | 24           | 1             | 844 22-10-2018     |
| O                | DSM                       | Koninklijke DSM N.V.          | 16-12-2022  | 100,0000       | C                 | EUR               | 4,3000  | 4,3000  | 4,3000  | 1           | 4,3000  | 4,1900     |      | 4            | 1             | 972 22-10-2018     |
| O                | DSM                       | Koninklijke DSM N.V.          | 16-12-2022  | 100,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 32,4900    |      | 32           | 0             | 379 22-10-2018     |
| O                | DSM                       | Koninklijke DSM N.V.          | 16-12-2022  | 150,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,6000     |      | 1            | 0             | 345 22-10-2018     |
| O                | DSM                       | Koninklijke DSM N.V.          | 16-12-2022  | 150,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 79,1900    |      | 79           | 0             | 355 22-10-2018     |
| F                | DV6                       | DSV - Stock Future            | 16-11-2018  | 0,0000         | DKK               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 535,2404   |      | 535          | 0             | 0 22-10-2018       |
| F                | DV6                       | DSV - Stock Future            | 21-12-2018  | 0,0000         | DKK               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 535,0508   |      | 535          | 0             | 0 22-10-2018       |
| F                | DV6                       | DSV - Stock Future            | 18-1-2019   | 0,0000         | DKK               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 534,9516   |      | 535          | 0             | 0 22-10-2018       |
| F                | DV6                       | DSV - Stock Future            | 15-3-2019   | 0,0000         | DKK               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 534,7415   |      | 535          | 0             | 0 22-10-2018       |
| F                | DV6                       | DSV - Stock Future            | 21-6-2019   | 0,0000         | DKK               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 532,2244   |      | 532          | 0             | 0 22-10-2018       |
| F                | DV6                       | DSV - Stock Future            | 20-9-2019   | 0,0000         | DKK               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 532,0602   |      | 532          | 0             | 0 22-10-2018       |
| F                | DX6                       | Drax Group - Stock Future     | 16-11-2018  | 0,0000         | GBX               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 404,9700   |      | 405          | 0             | 0 22-10-2018       |
| F                | DX6                       | Drax Group - Stock Future     | 21-12-2018  | 0,0000         | GBX               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 405,2200   |      | 405          | 0             | 0 22-10-2018       |
| F                | DX6                       | Drax Group - Stock Future     | 18-1-2019   | 0,0000         | GBX               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 405,4300   |      | 405          | 0             | 0 22-10-2018       |
| F                | DX6                       | Drax Group - Stock Future     | 15-3-2019   | 0,0000         | GBX               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 405,8900   |      | 406          | 0             | 0 22-10-2018       |
| F                | DX6                       | Drax Group - Stock Future     | 21-6-2019   | 0,0000         | GBX               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 399,3700   |      | 399          | 0             | 0 22-10-2018       |
| F                | DX6                       | Drax Group - Stock Future     | 20-9-2019   | 0,0000         | GBX               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 395,3700   |      | 395          | 0             | 0 22-10-2018       |
| F                | DZ6                       | ABN AMRO Group - Stock Future | 16-11-2018  | 0,0000         | EUR               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 22,1539    |      | 22           | 0             | 0 22-10-2018       |
| F                | DZ6                       | ABN AMRO Group - Stock Future | 21-12-2018  | 0,0000         | EUR               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 22,1454    |      | 22           | 0             | 0 22-10-2018       |
| F                | DZ6                       | ABN AMRO Group - Stock Future | 18-1-2019   | 0,0000         | EUR               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 22,1386    |      | 22           | 0             | 0 22-10-2018       |
| F                | DZ6                       | ABN AMRO Group - Stock Future | 15-3-2019   | 0,0000         | EUR               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 22,1312    |      | 22           | 0             | 0 22-10-2018       |
| F                | DZ6                       | ABN AMRO Group - Stock Future | 21-6-2019   | 0,0000         | EUR               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 21,4317    |      | 21           | 0             | 0 22-10-2018       |
| F                | DZ6                       | ABN AMRO Group - Stock Future | 20-9-2019   | 0,0000         | EUR               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 20,8443    |      | 21           | 0             | 0 22-10-2018       |
| F                | EB6                       | Ebro Foods SA - Stock Future  | 16-11-2018  | 0,0000         | EUR               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 17,2953    |      | 17           | 0             | 0 22-10-2018       |
| F                | EB6                       | Ebro Foods SA - Stock Future  | 21-12-2018  | 0,0000         | EUR               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 17,2886    |      | 17           | 0             | 0 22-10-2018       |
| F                | EB6                       | Ebro Foods SA - Stock Future  | 18-1-2019   | 0,0000         | EUR               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 17,2833    |      | 17           | 0             | 0 22-10-2018       |
| F                | EB6                       | Ebro Foods SA - Stock Future  | 15-3-2019   | 0,0000         | EUR               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 17,2775    |      | 17           | 0             | 0 22-10-2018       |
| F                | EB6                       | Ebro Foods SA - Stock Future  | 21-6-2019   | 0,0000         | EUR               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 17,0524    |      | 17           | 0             | 0 22-10-2018       |
| F                | EB6                       | Ebro Foods SA - Stock Future  | 20-9-2019   | 0,0000         | EUR               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 16,8285    |      | 17           | 0             | 0 22-10-2018       |
| F                | EE6                       | Endesa SA - Stock Future      | 16-11-2018  | 0,0000         | EUR               | 0,0000            | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 18,3900    |      | 18           | 0             | 0 22-10-2018       |
| F                | EE6                       | Endesa SA - Stock Future      | 21          |                |                   |                   |         |         |         |             |         |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name                             | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|---|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| F                | EG6                       | Enagas SA - Stock Future                    | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,5328    | 23   | 0            | 0             | 22-10-2018         |
| F                | EG6                       | Enagas SA - Stock Future                    | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,5259    | 23   | 0            | 0             | 22-10-2018         |
| F                | EG6                       | Enagas SA - Stock Future                    | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,5183    | 23   | 0            | 0             | 22-10-2018         |
| F                | EG6                       | Enagas SA - Stock Future                    | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,4984    | 22   | 0            | 0             | 22-10-2018         |
| F                | EG6                       | Enagas SA - Stock Future                    | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,5626    | 22   | 0            | 0             | 22-10-2018         |
| F                | EG8                       | Enagas - Dividend Future                    | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4800     | 1    | 0            | 45            | 22-10-2018         |
| F                | EG8                       | Enagas - Dividend Future                    | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4600     | 1    | 0            | 195           | 22-10-2018         |
| F                | EG8                       | Enagas - Dividend Future                    | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4800     | 1    | 0            | 90            | 22-10-2018         |
| F                | EG8                       | Enagas - Dividend Future                    | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3000     | 1    | 0            | 20            | 22-10-2018         |
| F                | EG8                       | Enagas - Dividend Future                    | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3000     | 1    | 0            | 0             | 22-10-2018         |
| F                | EI6                       | Elisa OYJ - Stock Future                    | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 35,2004    | 35   | 0            | 0             | 22-10-2018         |
| F                | EI6                       | Elisa OYJ - Stock Future                    | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 35,1869    | 35   | 0            | 0             | 22-10-2018         |
| F                | EI6                       | Elisa OYJ - Stock Future                    | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 35,1761    | 35   | 0            | 0             | 22-10-2018         |
| F                | EI6                       | Elisa OYJ - Stock Future                    | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 35,1642    | 35   | 0            | 0             | 22-10-2018         |
| F                | EI6                       | Elisa OYJ - Stock Future                    | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 33,3843    | 33   | 0            | 0             | 22-10-2018         |
| F                | EI6                       | Elisa OYJ - Stock Future                    | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 33,3568    | 33   | 0            | 0             | 22-10-2018         |
| F                | EI8                       | Elisa - Dividend Future                     | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6500     | 2    | 0            | 0             | 22-10-2018         |
| F                | EI8                       | Elisa - Dividend Future                     | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6500     | 2    | 0            | 0             | 22-10-2018         |
| F                | EI8                       | Elisa - Dividend Future                     | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7200     | 2    | 0            | 0             | 22-10-2018         |
| F                | EI8                       | Elisa - Dividend Future                     | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8000     | 2    | 0            | 0             | 22-10-2018         |
| F                | EI8                       | Elisa - Dividend Future                     | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8000     | 2    | 0            | 0             | 22-10-2018         |
| F                | EJ8                       | Skandinaviska Enskilda Banken A - Dividend  | 21-12-2018  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,7500     | 6    | 0            | 0             | 22-10-2018         |
| F                | EJ8                       | Skandinaviska Enskilda Banken A - Dividend  | 20-12-2019  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,0000     | 6    | 0            | 0             | 22-10-2018         |
| F                | EJ8                       | Skandinaviska Enskilda Banken A - Dividend  | 18-12-2020  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,2500     | 6    | 0            | 0             | 22-10-2018         |
| F                | EJ8                       | Skandinaviska Enskilda Banken A - Dividend  | 17-12-2021  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,5000     | 7    | 0            | 0             | 22-10-2018         |
| F                | EJ8                       | Skandinaviska Enskilda Banken A - Dividend  | 16-12-2022  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,7500     | 7    | 0            | 0             | 22-10-2018         |
| F                | EK6                       | Erste Group Bank AG - Stock Future          | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 36,4700    | 36   | 0            | 0             | 22-10-2018         |
| F                | EK6                       | Erste Group Bank AG - Stock Future          | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 36,4560    | 36   | 0            | 0             | 22-10-2018         |
| F                | EK6                       | Erste Group Bank AG - Stock Future          | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 36,4448    | 36   | 0            | 0             | 22-10-2018         |
| F                | EK6                       | Erste Group Bank AG - Stock Future          | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 36,4325    | 36   | 0            | 0             | 22-10-2018         |
| F                | EK6                       | Erste Group Bank AG - Stock Future          | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 35,2006    | 35   | 0            | 0             | 22-10-2018         |
| F                | EK6                       | Erste Group Bank AG - Stock Future          | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 35,1717    | 35   | 0            | 0             | 22-10-2018         |
| F                | EL6                       | Red Electrica Corporacion SA - Stock Future | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,2900    | 18   | 0            | 0             | 22-10-2018         |
| F                | EL6                       | Red Electrica Corporacion SA - Stock Future | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,2830    | 18   | 0            | 0             | 22-10-2018         |
| F                | EL6                       | Red Electrica Corporacion SA - Stock Future | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,0074    | 18   | 0            | 0             | 22-10-2018         |
| F                | EL6                       | Red Electrica Corporacion SA - Stock Future | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,0014    | 18   | 0            | 0             | 22-10-2018         |
| F                | EL6                       | Red Electrica Corporacion SA - Stock Future | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,9854    | 18   | 0            | 0             | 22-10-2018         |
| F                | EL6                       | Red Electrica Corporacion SA - Stock Future | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,2612    | 17   | 0            | 0             | 22-10-2018         |
| F                | EL8                       | Red Electrica Corp - Dividend Future        | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9188     | 1    | 0            | 20            | 22-10-2018         |
| F                | EL8                       | Red Electrica Corp - Dividend Future        | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9800     | 1    | 0            | 0             | 22-10-2018         |
| F                | EL8                       | Red Electrica Corp - Dividend Future        | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0500     | 1    | 0            | 0             | 22-10-2018         |
| F                | EL8                       | Red Electrica Corp - Dividend Future        | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0500     | 1    | 0            | 0             | 22-10-2018         |
| F                | EL8                       | Red Electrica Corp - Dividend Future        | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0500     | 1    | 0            | 0             | 22-10-2018         |
| O                | ENX                       | Euronext - Strnd Option                     | 16-11-2018  | 46,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,8500     | 9    | 0            | 0             | 22-10-2018         |
| O                | ENX                       | Euronext - Strnd Option                     | 16-11-2018  | 46,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 0             | 22-10-2018         |
| O                | ENX                       | Euronext - Strnd Option                     | 16-11-2018  | 48,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,9000     | 7    | 0            | 0             | 22-10-2018         |
| O                | ENX                       | Euronext - Strnd Option                     | 16-11-2018  | 48,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     | 0    | 4            | 4             | 22-10-2018         |
| O                | ENX                       | Euronext - Strnd Option                     | 16-11-2018  | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,9800     | 5    | 0            | 0             | 22-10-2018         |
| O                | ENX                       | Euronext - Strnd Option                     | 16-11-2018  | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1900     | 0    | 0            | 0             | 22-10-2018         |
| O                | ENX                       | Euronext - Strnd Option                     | 16-11-2018  | 51,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,1000     | 4    | 0            | 0             | 22-10-2018         |
| O                | ENX                       | Euronext - Strnd Option                     | 16-11-2018  | 51,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3100     | 0    | 0            | 0             | 22-10-2018         |
| O                | ENX                       | Euronext - Strnd Option                     | 16-11-2018  | 52,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2200     | 3    | 0            | 0             | 22-10-2018         |
| O                | ENX                       | Euronext - Strnd Option                     | 16-11-2018  | 52,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4300     | 0    | 1            | 1             | 22-10-2018         |
| O                | ENX                       | Euronext - Strnd Option                     | 16-11-2018  | 53,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4400     | 2    | 0            | 0             | 22-10-2018         |
| O                | ENX                       | Euronext - Strnd Option                     | 16-11-2018  | 53,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6500     | 1    | 0            | 0             | 22-10-2018         |
| O                | ENX                       | Euronext - Strnd Option                     | 16-11-2018  | 54,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7600     | 2    | 0            | 0             | 22-10-2018         |
| O                | ENX                       | Euronext - Strnd Option                     | 16-11-2018  | 54,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9700     | 1    | 0            | 1             | 22-10-2018         |
| O                | ENX                       | Euronext - Strnd Option                     | 16-11-2018  | 55,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1700     | 1    | 0            | 2             | 22-10-2018         |
| O                | ENX                       | Euronext - Strnd Option                     | 16-11-2018  | 55,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3900     | 1    | 0            | 25            | 22-10-2018         |
| O                | ENX                       | Euronext - Strnd Option                     | 16-11-2018  | 56,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7200     | 1    | 0            | 0             | 22-10-2018         |
| O                | ENX                       | Euronext - Strnd Option                     | 16-11-2018  | 56,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9400     | 2    | 0            | 49            | 22-10-2018         |
| O                | ENX                       | Euronext - Strnd Option                     | 16-11-2018  | 57,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4600     | 0    | 0            | 5             | 22-10-2018         |
| O                | ENX                       | Euronext - Strnd Option                     | 16-11-2018  | 57,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6800     | 3    | 0            | 0             | 22-10-2018         |
| O                | ENX                       | Euronext - Strnd Option                     | 16-11-2018  | 58,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2600     | 0    | 0            | 112           | 22-10-2018         |
| O                | ENX                       | Euronext - Strnd Option                     | 16-11-2018  | 58,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4800     | 3    | 0            | 0             | 22-10-2018         |
| O                | ENX                       | Euronext - Strnd Option                     | 16-11-2018  | 59,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     | 0    | 1            | 1             | 22-10-2018         |
| O                | ENX                       | Euronext - Strnd Option                     | 16-11-2018  | 59,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,3500     | 4    | 0            | 0             | 22-10-2018         |
| O                | ENX                       | Euronext - Strnd Option                     | 16-11-2018  | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     | 0    | 0            | 112           | 22-10-2018         |
| O                | ENX                       | Euronext - Strnd Option                     | 16-11-2018  | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,3100     | 5    | 0            | 0             | 22-10-2018         |
| O                | ENX                       | Euronext - Strnd Option                     | 16-11-2018  | 64,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | ENX                       | Euronext - Strnd Option                     | 16-11-2018  | 64,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,2200     | 9    | 0            | 0             | 22-10-2018         |
| O                | ENX                       | Euronext - Strnd Option                     | 16-11-2018  | 68,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | ENX                       | Euronext - Strnd Option                     | 16-11-2018  | 68,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,2200    | 13   | 0            | 0             | 22-10-2018         |
| O                | ENX                       | Euronext - Strnd Option                     | 21-12-2018  | 48,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,0000     | 7    | 0            | 0             | 22-10-2018         |
| O                | ENX                       | Euronext - Strnd Option                     | 21-12-2018  | 48,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2200     | 0    | 0            | 0             | 22-10-2018         |
| O                | ENX                       | Euronext - Strnd Option                     | 21-12-2018  | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,1900     | 5    | 0            | 0             | 22-10-2018         |
| O                | ENX                       | Euronext - Strnd Option                     | 21-12-2018  | 50,0000        | P                 |                   |        |        |        |             |        |            |      |              |               |                    |



Euronext Amsterdam N.V. – Beursplein 5, Amsterdam – Tel: +31 (0) 20 721 4444



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| Instrument Type* | Instrument Trading Symbol | Instrument Name             | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|-----------------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | EQQ                       | E.ON - Stock Option         | 19-6-2020   | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,2100     |      | 6            | 0             | 22-10-2018         |
| O                | EQQ                       | E.ON - Stock Option         | 19-6-2020   | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 22-10-2018         |
| O                | EQQ                       | E.ON - Stock Option         | 19-6-2020   | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,2000     |      | 7            | 0             | 22-10-2018         |
| O                | EQQ                       | E.ON - Stock Option         | 18-12-2020  | 5,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5700     |      | 4            | 0             | 22-10-2018         |
| O                | EQQ                       | E.ON - Stock Option         | 18-12-2020  | 5,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     |      | 0            | 0             | 22-10-2018         |
| O                | EQQ                       | E.ON - Stock Option         | 18-12-2020  | 6,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5900     |      | 3            | 0             | 22-10-2018         |
| O                | EQQ                       | E.ON - Stock Option         | 18-12-2020  | 6,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3100     |      | 0            | 0             | 22-10-2018         |
| O                | EQQ                       | E.ON - Stock Option         | 18-12-2020  | 7,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7300     |      | 2            | 0             | 22-10-2018         |
| O                | EQQ                       | E.ON - Stock Option         | 18-12-2020  | 7,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6500     |      | 1            | 0             | 22-10-2018         |
| O                | EQQ                       | E.ON - Stock Option         | 18-12-2020  | 7,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3800     |      | 1            | 0             | 22-10-2018         |
| O                | EQQ                       | E.ON - Stock Option         | 18-12-2020  | 7,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8800     |      | 1            | 0             | 22-10-2018         |
| O                | EQQ                       | E.ON - Stock Option         | 18-12-2020  | 8,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0900     |      | 1            | 0             | 22-10-2018         |
| O                | EQQ                       | E.ON - Stock Option         | 18-12-2020  | 8,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1300     |      | 1            | 0             | 22-10-2018         |
| O                | EQQ                       | E.ON - Stock Option         | 18-12-2020  | 8,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8500     |      | 1            | 0             | 22-10-2018         |
| O                | EQQ                       | E.ON - Stock Option         | 18-12-2020  | 8,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4300     |      | 1            | 0             | 22-10-2018         |
| O                | EQQ                       | E.ON - Stock Option         | 18-12-2020  | 9,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6600     |      | 1            | 0             | 22-10-2018         |
| O                | EQQ                       | E.ON - Stock Option         | 18-12-2020  | 9,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7700     |      | 2            | 0             | 22-10-2018         |
| O                | EQQ                       | E.ON - Stock Option         | 18-12-2020  | 9,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5100     |      | 1            | 0             | 22-10-2018         |
| O                | EQQ                       | E.ON - Stock Option         | 18-12-2020  | 9,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1400     |      | 2            | 0             | 22-10-2018         |
| O                | EQQ                       | E.ON - Stock Option         | 18-12-2020  | 10,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4000     |      | 0            | 0             | 22-10-2018         |
| O                | EQQ                       | E.ON - Stock Option         | 18-12-2020  | 10,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5400     |      | 3            | 0             | 22-10-2018         |
| O                | EQQ                       | E.ON - Stock Option         | 18-12-2020  | 11,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2400     |      | 0            | 0             | 22-10-2018         |
| O                | EQQ                       | E.ON - Stock Option         | 18-12-2020  | 11,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4000     |      | 3            | 0             | 22-10-2018         |
| O                | EQQ                       | E.ON - Stock Option         | 18-12-2020  | 12,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1400     |      | 0            | 0             | 22-10-2018         |
| O                | EQQ                       | E.ON - Stock Option         | 18-12-2020  | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,3100     |      | 4            | 0             | 22-10-2018         |
| O                | EQQ                       | E.ON - Stock Option         | 18-12-2020  | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     |      | 0            | 0             | 22-10-2018         |
| O                | EQQ                       | E.ON - Stock Option         | 18-12-2020  | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,2300     |      | 6            | 0             | 22-10-2018         |
| O                | EQQ                       | E.ON - Stock Option         | 18-12-2020  | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     |      | 0            | 0             | 22-10-2018         |
| O                | EQQ                       | E.ON - Stock Option         | 18-12-2020  | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,2100     |      | 7            | 0             | 22-10-2018         |
| O                | EQQ                       | E.ON - Stock Option         | 18-6-2021   | 6,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5800     |      | 3            | 0             | 22-10-2018         |
| O                | EQQ                       | E.ON - Stock Option         | 18-6-2021   | 6,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5000     |      | 1            | 0             | 22-10-2018         |
| O                | EQQ                       | E.ON - Stock Option         | 18-6-2021   | 7,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7200     |      | 2            | 0             | 22-10-2018         |
| O                | EQQ                       | E.ON - Stock Option         | 18-6-2021   | 7,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9300     |      | 1            | 0             | 22-10-2018         |
| O                | EQQ                       | E.ON - Stock Option         | 18-6-2021   | 7,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3700     |      | 1            | 0             | 22-10-2018         |
| O                | EQQ                       | E.ON - Stock Option         | 18-6-2021   | 7,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1900     |      | 1            | 0             | 22-10-2018         |
| O                | EQQ                       | E.ON - Stock Option         | 18-6-2021   | 8,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0800     |      | 1            | 0             | 22-10-2018         |
| O                | EQQ                       | E.ON - Stock Option         | 18-6-2021   | 8,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4800     |      | 1            | 0             | 22-10-2018         |
| O                | EQQ                       | E.ON - Stock Option         | 18-6-2021   | 8,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8500     |      | 1            | 0             | 22-10-2018         |
| O                | EQQ                       | E.ON - Stock Option         | 18-6-2021   | 8,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8200     |      | 2            | 0             | 22-10-2018         |
| O                | EQQ                       | E.ON - Stock Option         | 18-6-2021   | 9,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6700     |      | 1            | 0             | 22-10-2018         |
| O                | EQQ                       | E.ON - Stock Option         | 18-6-2021   | 9,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1800     |      | 2            | 0             | 22-10-2018         |
| O                | EQQ                       | E.ON - Stock Option         | 18-6-2021   | 9,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5200     |      | 1            | 0             | 22-10-2018         |
| O                | EQQ                       | E.ON - Stock Option         | 18-6-2021   | 9,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5700     |      | 3            | 0             | 22-10-2018         |
| O                | EQQ                       | E.ON - Stock Option         | 18-6-2021   | 10,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4200     |      | 0            | 0             | 22-10-2018         |
| O                | EQQ                       | E.ON - Stock Option         | 18-6-2021   | 10,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9900     |      | 3            | 0             | 22-10-2018         |
| O                | EQQ                       | E.ON - Stock Option         | 18-6-2021   | 11,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2600     |      | 0            | 0             | 22-10-2018         |
| O                | EQQ                       | E.ON - Stock Option         | 18-6-2021   | 11,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8600     |      | 4            | 0             | 22-10-2018         |
| O                | EQQ                       | E.ON - Stock Option         | 18-6-2021   | 12,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1600     |      | 0            | 0             | 22-10-2018         |
| O                | EQQ                       | E.ON - Stock Option         | 18-6-2021   | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,7900     |      | 5            | 0             | 22-10-2018         |
| O                | EQQ                       | E.ON - Stock Option         | 18-6-2021   | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     |      | 0            | 0             | 22-10-2018         |
| O                | EQQ                       | E.ON - Stock Option         | 18-6-2021   | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,7100     |      | 7            | 0             | 22-10-2018         |
| O                | EQQ                       | E.ON - Stock Option         | 18-6-2021   | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     |      | 0            | 0             | 22-10-2018         |
| O                | EQQ                       | E.ON - Stock Option         | 18-6-2021   | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,7000     |      | 8            | 0             | 22-10-2018         |
| F                | EP6                       | Experian - Stock Future     | 16-11-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1797,4800  |      | 1797         | 0             | 22-10-2018         |
| F                | EP6                       | Experian - Stock Future     | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1798,5900  |      | 1799         | 0             | 22-10-2018         |
| F                | EP6                       | Experian - Stock Future     | 18-1-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1788,7300  |      | 1789         | 0             | 22-10-2018         |
| F                | EP6                       | Experian - Stock Future     | 15-3-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1790,7400  |      | 1791         | 0             | 22-10-2018         |
| F                | EP6                       | Experian - Stock Future     | 21-6-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1794,6800  |      | 1795         | 0             | 22-10-2018         |
| F                | EP6                       | Experian - Stock Future     | 20-9-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1772,7600  |      | 1773         | 0             | 22-10-2018         |
| F                | EP8                       | Experian - Dividend Future  | 21-12-2018  | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4475     |      | 0            | 0             | 22-10-2018         |
| F                | EP8                       | Experian - Dividend Future  | 20-12-2019  | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4730     |      | 0            | 0             | 22-10-2018         |
| F                | EP8                       | Experian - Dividend Future  | 18-12-2020  | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5020     |      | 1            | 0             | 22-10-2018         |
| F                | EP8                       | Experian - Dividend Future  | 17-12-2021  | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5020     |      | 1            | 0             | 22-10-2018         |
| F                | EP8                       | Experian - Dividend Future  | 16-12-2022  | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5020     |      | 1            | 0             | 22-10-2018         |
| F                | ER6                       | Ericsson B - Stock Future   | 16-11-2018  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 83,6372    |      | 84           | 0             | 22-10-2018         |
| F                | ER6                       | Ericsson B - Stock Future   | 21-12-2018  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 83,6083    |      | 84           | 0             | 22-10-2018         |
| F                | ER6                       | Ericsson B - Stock Future   | 18-1-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 83,5877    |      | 84           | 0             | 22-10-2018         |
| F                | ER6                       | Ericsson B - Stock Future   | 15-3-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 83,5444    |      | 84           | 0             | 22-10-2018         |
| F                | ER6                       | Ericsson B - Stock Future   | 21-6-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 82,4815    |      | 82           | 0             | 22-10-2018         |
| F                | ER6                       | Ericsson B - Stock Future   | 20-9-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 82,4458    |      | 82           | 0             | 22-10-2018         |
| F                | ER8                       | Ericsson B - Dividend       | 21-12-2018  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0000     |      | 1            | 0             | 22-10-2018         |
| F                | ER8                       | Ericsson B - Dividend       | 20-12-2019  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3000     |      | 1            | 0             | 22-10-2018         |
| F                | ER8                       | Ericsson B - Dividend       | 18-12-2020  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6000     |      | 2            | 0             | 22-10-2018         |
| F                | ER8                       | Ericsson B - Dividend       | 17-12-2021  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6000     |      | 2            | 0             | 22-10-2018         |
| F                | ER8                       | Ericsson B - Dividend       | 16-12-2022  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6000     |      | 2            | 0             | 22-10-2018         |
| F                | ET6                       | Electrolux B - Stock Future | 16-11-2018  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 179,0012   |      | 179          | 0             | 22-10-2018         |
| F                | ET6                       | Electrolux B - Stock Future | 21-12-2018  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 178,9394   |      | 179          | 0             | 22-10-2018         |
| F                | ET6                       | Electrolux B - Stock Future | 18-1-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 178,8954   |      | 179          | 0             | 22-10-2018         |
| F                | ET6                       | Electrolux B - Stock Future | 15-3-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 |        |             |        |            |      |              |               |                    |



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| Instrument Type* | Instrument Trading Symbol | Instrument Name  | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP   | Total Volume | Open Interest | Open Interest Date |            |            |
|------------------|---------------------------|--|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|--------|--------------|---------------|--------------------|------------|------------|
| O                | EUE                       | EUE Stock Option (Underlying: ISHARES EURO STOXX 50 UCITS ET | 20-9-2019   | 42,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,1200    |        | 11           | 0             | 22-10-2018         |            |            |
| O                | EUE                       | EUE Stock Option (Underlying: ISHARES EURO STOXX 50 UCITS ET | 20-9-2019   | 44,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |        | 0            | 0             | 22-10-2018         |            |            |
| O                | EUE                       | EUE Stock Option (Underlying: ISHARES EURO STOXX 50 UCITS ET | 20-9-2019   | 44,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,1300    |        | 13           | 0             | 22-10-2018         |            |            |
| O                | EUE                       | EUE Stock Option (Underlying: ISHARES EURO STOXX 50 UCITS ET | 20-9-2019   | 45,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |        | 0            | 0             | 22-10-2018         |            |            |
| O                | EUE                       | EUE Stock Option (Underlying: ISHARES EURO STOXX 50 UCITS ET | 20-9-2019   | 45,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,1300    |        | 14           | 0             | 22-10-2018         |            |            |
| F                | FA6                       | SKF B - Stock Future   | 16-11-2018  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 146,8599   |        | 147          | 0             | 22-10-2018         |            |            |
| F                | FA6                       | SKF B - Stock Future   | 21-12-2018  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 146,8092   |        | 147          | 0             | 22-10-2018         |            |            |
| F                | FA6                       | SKF B - Stock Future   | 18-1-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 146,7731   |        | 147          | 0             | 22-10-2018         |            |            |
| F                | FA6                       | SKF B - Stock Future   | 15-3-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 146,6969   |        | 147          | 0             | 22-10-2018         |            |            |
| F                | FA6                       | SKF B - Stock Future   | 21-6-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 |            |        | 140          | 0             | 22-10-2018         |            |            |
| F                | FA6                       | SKF B - Stock Future   | 20-9-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 139,8402   |        | 140          | 0             | 22-10-2018         |            |            |
| F                | FC6                       | Leonardo SpA - Stock Future                                  | 15-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,7514     |        | 10           | 0             | 22-10-2018         |            |            |
| F                | FC6                       | Leonardo SpA - Stock Future                                  | 20-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,7577     |        | 10           | 0             | 22-10-2018         |            |            |
| F                | FC6                       | Leonardo SpA - Stock Future                                  | 17-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,7547     |        | 10           | 0             | 22-10-2018         |            |            |
| F                | FC6                       | Leonardo SpA - Stock Future                                  | 14-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,7514     |        | 10           | 0             | 22-10-2018         |            |            |
| F                | FC6                       | Leonardo SpA - Stock Future                                  | 20-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,5928     |        | 10           | 0             | 22-10-2018         |            |            |
| F                | FC6                       | Leonardo SpA - Stock Future                                  | 19-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,5849     |        | 10           | 0             | 22-10-2018         |            |            |
| F                | FI6                       | Firstgroup - Stock Future                                    | 16-11-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 85,2400    |        | 85           | 0             | 22-10-2018         |            |            |
| F                | FI6                       | Firstgroup - Stock Future                                    | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 85,2900    |        | 85           | 0             | 22-10-2018         |            |            |
| F                | FI6                       | Firstgroup - Stock Future                                    | 18-1-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 85,3300    |        | 85           | 0             | 22-10-2018         |            |            |
| F                | FI6                       | Firstgroup - Stock Future                                    | 15-3-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 85,4300    |        | 85           | 0             | 22-10-2018         |            |            |
| F                | FI6                       | Firstgroup - Stock Future                                    | 21-6-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 85,6200    |        | 86           | 0             | 22-10-2018         |            |            |
| F                | FI6                       | Firstgroup - Stock Future                                    | 20-9-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 85,8100    |        | 86           | 0             | 22-10-2018         |            |            |
| F                | FJ8                       | Salvatore Ferragamo - Dividend Future                        | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3800     |        | 0            | 0             | 22-10-2018         |            |            |
| F                | FJ8                       | Salvatore Ferragamo - Dividend Future                        | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4600     |        | 0            | 0             | 22-10-2018         |            |            |
| F                | FJ8                       | Salvatore Ferragamo - Dividend Future                        | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4800     |        | 0            | 0             | 22-10-2018         |            |            |
| F                | FJ8                       | Salvatore Ferragamo - Dividend Future                        | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5000     |        | 1            | 0             | 22-10-2018         |            |            |
| F                | FJ8                       | Salvatore Ferragamo - Dividend Future                        | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5000     |        | 1            | 0             | 22-10-2018         |            |            |
| F                | FK8                       | Fiat Chrysler Automobiles - Dividend Future                  | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0001     |        | 0            | 0             | 22-10-2018         |            |            |
| F                | FK8                       | Fiat Chrysler Automobiles - Dividend Future                  | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6700     |        | 1            | 0             | 22-10-2018         |            |            |
| F                | FK8                       | Fiat Chrysler Automobiles - Dividend Future                  | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7200     |        | 1            | 0             | 22-10-2018         |            |            |
| F                | FK8                       | Fiat Chrysler Automobiles - Dividend Future                  | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7700     |        | 1            | 0             | 22-10-2018         |            |            |
| F                | FK8                       | Fiat Chrysler Automobiles - Dividend Future                  | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7700     |        | 1            | 0             | 22-10-2018         |            |            |
| F                | FL6                       | FLSmidth & Co - Stock Future                                 | 16-11-2018  | 0,0000         |                   | DKK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 352,6949   |        | 353          | 0             | 22-10-2018         |            |            |
| F                | FL6                       | FLSmidth & Co - Stock Future                                 | 21-12-2018  | 0,0000         |                   | DKK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 352,5699   |        | 353          | 0             | 22-10-2018         |            |            |
| F                | FL6                       | FLSmidth & Co - Stock Future                                 | 18-1-2019   | 0,0000         |                   | DKK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 352,5045   |        | 353          | 0             | 22-10-2018         |            |            |
| F                | FL6                       | FLSmidth & Co - Stock Future                                 | 15-3-2019   | 0,0000         |                   | DKK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 352,3661   |        | 352          | 0             | 22-10-2018         |            |            |
| F                | FL6                       | FLSmidth & Co - Stock Future                                 | 21-6-2019   | 0,0000         |                   | DKK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 345,6511   |        | 344          | 0             | 22-10-2018         |            |            |
| F                | FL6                       | FLSmidth & Co - Stock Future                                 | 20-9-2019   | 0,0000         |                   | DKK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 343,5564   |        | 344          | 0             | 22-10-2018         |            |            |
| O                | FLW                       | Flow Traders - Stock Option                                  | 16-11-2018  | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,1400     |        | 9            | 0             | 22-10-2018         |            |            |
| O                | FLW                       | Flow Traders - Stock Option                                  | 16-11-2018  | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |        | 0            | 75            | 22-10-2018         |            |            |
| O                | FLW                       | Flow Traders - Stock Option                                  | 16-11-2018  | 21,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,1500     |        | 8            | 0             | 22-10-2018         |            |            |
| O                | FLW                       | Flow Traders - Stock Option                                  | 16-11-2018  | 21,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |        | 0            | 1             | 22-10-2018         |            |            |
| O                | FLW                       | Flow Traders - Stock Option                                  | 16-11-2018  | 22,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,1700     |        | 7            | 0             | 22-10-2018         |            |            |
| O                | FLW                       | Flow Traders - Stock Option                                  | 16-11-2018  | 22,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     |        | 0            | 24            | 22-10-2018         |            |            |
| O                | FLW                       | Flow Traders - Stock Option                                  | 16-11-2018  | 23,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,2100     |        | 6            | 0             | 22-10-2018         |            |            |
| O                | FLW                       | Flow Traders - Stock Option                                  | 16-11-2018  | 23,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     |        | 0            | 57            | 22-10-2018         |            |            |
| O                | FLW                       | Flow Traders - Stock Option                                  | 16-11-2018  | 23,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,7200     |        | 6            | 0             | 22-10-2018         |            |            |
| O                | FLW                       | Flow Traders - Stock Option                                  | 16-11-2018  | 23,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     |        | 0            | 43            | 22-10-2018         |            |            |
| O                | FLW                       | Flow Traders - Stock Option                                  | 16-11-2018  | 24,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,2300     |        | 5            | 0             | 22-10-2018         |            |            |
| O                | FLW                       | Flow Traders - Stock Option                                  | 16-11-2018  | 24,0000        | P                 | EUR               | 0,0500 | 0,0500 | 0,0500 | -           | 1      | 0,0500     | 0,0900 |              | 0             | 5                  | 22-10-2018 |            |
| O                | FLW                       | Flow Traders - Stock Option                                  | 16-11-2018  | 24,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,7600     |        | 5            | 0             | 22-10-2018         |            |            |
| O                | FLW                       | Flow Traders - Stock Option                                  | 16-11-2018  | 24,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     |        | 0            | 39            | 22-10-2018         |            |            |
| O                | FLW                       | Flow Traders - Stock Option                                  | 16-11-2018  | 25,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,2800     |        | 4            | 0             | 22-10-2018         |            |            |
| O                | FLW                       | Flow Traders - Stock Option                                  | 16-11-2018  | 25,0000        | P                 | EUR               | 0,1500 | 0,1700 | 0,1500 | -           | 3      | 0,1500     | 0,1400 |              | 0             | 12                 | 22-10-2018 |            |
| O                | FLW                       | Flow Traders - Stock Option                                  | 16-11-2018  | 25,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,7800     |        | 4            | 0             | 22-10-2018         |            |            |
| O                | FLW                       | Flow Traders - Stock Option                                  | 16-11-2018  | 25,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1500     |        | 0            | 49            | 22-10-2018         |            |            |
| O                | FLW                       | Flow Traders - Stock Option                                  | 16-11-2018  | 26,0000        | C                 | EUR               | 3,3500 | 3,3500 | 3,3500 | -           | 1      | 3,3500     | 3,3100 |              | 3             | 1                  | 22-10-2018 |            |
| O                | FLW                       | Flow Traders - Stock Option                                  | 16-11-2018  | 26,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1800     |        | 0            | 0             | 1156               | 22-10-2018 |            |
| O                | FLW                       | Flow Traders - Stock Option                                  | 16-11-2018  | 26,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8400     |        | 3            | 0             | 71                 | 22-10-2018 |            |
| O                | FLW                       | Flow Traders - Stock Option                                  | 16-11-2018  | 26,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2100     |        | 0            | 0             | 130                | 22-10-2018 |            |
| O                | FLW                       | Flow Traders - Stock Option                                  | 16-11-2018  | 27,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4300     |        | 2            | 0             | 74                 | 22-10-2018 |            |
| O                | FLW                       | Flow Traders - Stock Option                                  | 16-11-2018  | 27,0000        | P                 | EUR               | 0,3300 | 0,3300 | 0,2900 | -           | 4      | 0,2900     | 0      |              | 0             | 9                  | 22-10-2018 |            |
| O                | FLW                       | Flow Traders - Stock Option                                  | 16-11-2018  | 27,5000        | C                 | EUR               | 2,0400 | 2,0400 | 2,0400 | -           | 1      | 1,9700     | 1,9700 |              | 2             | 1                  | 53         | 22-10-2018 |
| O                | FLW                       | Flow Traders - Stock Option                                  | 16-11-2018  | 27,5000        | P                 | EUR               | 0,4000 | 0,4000 | 0,3600 | -           | 2      | 0,3600     | 0,3300 |              | 0             | 8                  | 47         | 22-10-2018 |
| O                | FLW                       | Flow Traders - Stock Option                                  | 16-11-2018  | 28,0000        | C                 | EUR               | 1,7500 | 1,7500 | 1,3000 | -           | 2      | 1,3000     | 1,5700 |              | 2             | 6                  | 78         | 22-10-2018 |
| O                | FLW                       | Flow Traders - Stock Option                                  | 16-11-2018  | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4400     |        | 0            | 0             | 92                 | 22-10-2018 |            |
| O                | FLW                       | Flow Traders - Stock Option                                  | 16-11-2018  | 28,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2100     |        | 1            | 0             | 108                | 22-10-2018 |            |
| O                | FLW                       | Flow Traders - Stock Option                                  | 16-11-2018  | 28,5000        | P                 | EUR               | 0,6000 | 0,6500 | 0,6000 | -           | 2      | 0,6500     | 0,5800 |              | 1             | 31                 | 33         | 22-10-2018 |
| O                | FLW                       | Flow Traders - Stock Option                                  | 16-11-2018  | 29,0000        | C                 | EUR               | 0,9000 | 1,0500 | 0,8500 | -           | 6      | 0,8500     | 0,9200 |              | 1             | 10                 | 301        | 22-10-2018 |
| O                | FLW                       | Flow Traders - Stock Option                                  | 16-11-2018  | 29,0000        | P                 | EUR               | 0,8500 | 0,8500 | 0,8000 | -           | 5      | 0,8500     | 0,7900 |              | 1             | 72                 | 88         | 22-10-2018 |
| O                | FLW                       | Flow Traders - Stock Option                                  | 16-11-2018  | 29,5000        | C                 | EUR               | 0,7500 | 0,7500 | 0,7500 | -           | 1      | 0,7500     | 0,6800 |              | 1             | 2                  | 2          | 22-10-2018 |
| O                | FLW                       | Flow Traders - Stock Option                                  | 16-11-2018  | 29,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0500     |        | 1            | 0             | 0                  | 22-10-2018 |            |
| O                | FLW                       | Flow Traders - Stock Option                                  | 16-11-2018  | 30,0000        | C                 | EUR               | 0,6000 | 0,6000 | 0,4300 | -           | 7      | 0,4500     | 0,4700 |              | 0             | 26                 | 123        | 22-10-2018 |
| O                | FLW                       | Flow Traders - Stock Option                                  | 16-11-2018  | 30,0000        | P                 | EUR               | 1,4000 | 1,6000 | 1,4000 | -           | 4      | 1,4000     | 1,3400 |              | 1             | 4                  | 136        | 22-10-2018 |
| O                | FLW                       | Flow Traders - Stock Option                                  | 16-11-2018  | 32,0000        | C                 | EUR               | 0,1400 | 0,1500 | 0,1100 | -           |        |            |        |              |               |                    |            |            |



| Instrument Type* | Instrument Trading Symbol | Instrument Name             | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|-----------------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | FLW                       | Flow Traders - Stock Option | 21-12-2018  | 21,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,2500     |      | 8            | 0             | 22-10-2018         |
| O                | FLW                       | Flow Traders - Stock Option | 21-12-2018  | 21,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     |      | 0            | 0             | 22-10-2018         |
| O                | FLW                       | Flow Traders - Stock Option | 21-12-2018  | 22,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,2800     |      | 7            | 0             | 22-10-2018         |
| O                | FLW                       | Flow Traders - Stock Option | 21-12-2018  | 22,0000        | P                 | EUR               | 0,2200 | 0,2200 | 0,1000 | 3           | 0,1000 | 0,1500     |      | 0            | 8             | 22-10-2018         |
| O                | FLW                       | Flow Traders - Stock Option | 21-12-2018  | 23,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,3200     |      | 6            | 0             | 22-10-2018         |
| O                | FLW                       | Flow Traders - Stock Option | 21-12-2018  | 23,0000        | P                 | EUR               | 0,2400 | 0,2400 | 0,1800 | 3           | 0,1800 | 0,1900     |      | 0            | 16            | 22-10-2018         |
| O                | FLW                       | Flow Traders - Stock Option | 21-12-2018  | 24,0000        | C                 | EUR               | 5,3500 | 5,3500 | 5,3500 | 1           | 5,3500 | 5,3900     |      | 5            | 2             | 22-10-2018         |
| O                | FLW                       | Flow Traders - Stock Option | 21-12-2018  | 24,0000        | P                 | EUR               | 0,3500 | 0,3500 | 0,2300 | 8           | 0,2500 | 0,2700     |      | 0            | 8             | 22-10-2018         |
| O                | FLW                       | Flow Traders - Stock Option | 21-12-2018  | 24,5000        | C                 | EUR               | 4,9000 | 4,9000 | 4,9000 | 1           | 4,9000 | 4,9100     |      | 5            | 10            | 22-10-2018         |
| O                | FLW                       | Flow Traders - Stock Option | 21-12-2018  | 24,5000        | P                 | EUR               | 0,2700 | 0,2700 | 0,2700 | 1           | 0,2700 | 0,2900     |      | 0            | 2             | 22-10-2018         |
| O                | FLW                       | Flow Traders - Stock Option | 21-12-2018  | 25,0000        | C                 | EUR               | 4,4500 | 4,4500 | 4,4500 | 1           | 4,4500 | 4,4500     |      | 4            | 10            | 22-10-2018         |
| O                | FLW                       | Flow Traders - Stock Option | 21-12-2018  | 25,0000        | P                 | EUR               | 0,3100 | 0,3100 | 0,3100 | 1           | 0,3100 | 0,3300     |      | 0            | 1             | 22-10-2018         |
| O                | FLW                       | Flow Traders - Stock Option | 21-12-2018  | 25,5000        | C                 | EUR               | 4,1000 | 4,1000 | 4,0500 | 4           | 4,0500 | 4,0100     |      | 4            | 104           | 22-10-2018         |
| O                | FLW                       | Flow Traders - Stock Option | 21-12-2018  | 25,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3900     |      | 0            | 0             | 22-10-2018         |
| O                | FLW                       | Flow Traders - Stock Option | 21-12-2018  | 26,0000        | C                 | EUR               | 3,5000 | 3,5000 | 3,5000 | 1           | 3,5000 | 3,5600     |      | 4            | 3             | 22-10-2018         |
| O                | FLW                       | Flow Traders - Stock Option | 21-12-2018  | 26,0000        | P                 | EUR               | 0,4700 | 0,4700 | 0,4700 | 2           | 0,4700 | 0,4300     |      | 0            | 2             | 22-10-2018         |
| O                | FLW                       | Flow Traders - Stock Option | 21-12-2018  | 26,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1500     |      | 3            | 0             | 22-10-2018         |
| O                | FLW                       | Flow Traders - Stock Option | 21-12-2018  | 26,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5200     |      | 1            | 0             | 22-10-2018         |
| O                | FLW                       | Flow Traders - Stock Option | 21-12-2018  | 27,0000        | C                 | EUR               | 2,8200 | 2,8200 | 2,5000 | 3           | 2,7000 | 2,7400     |      | 3            | 7             | 22-10-2018         |
| O                | FLW                       | Flow Traders - Stock Option | 21-12-2018  | 27,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6200     |      | 1            | 0             | 22-10-2018         |
| O                | FLW                       | Flow Traders - Stock Option | 21-12-2018  | 27,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3600     |      | 2            | 0             | 22-10-2018         |
| O                | FLW                       | Flow Traders - Stock Option | 21-12-2018  | 27,5000        | P                 | EUR               | 0,7000 | 0,7000 | 0,7000 | 1           | 0,7000 | 0,7300     |      | 1            | 30            | 22-10-2018         |
| O                | FLW                       | Flow Traders - Stock Option | 21-12-2018  | 28,0000        | C                 | EUR               | 2,0000 | 2,1500 | 1,9000 | 9           | 1,9500 | 2,0000     |      | 2            | 23            | 22-10-2018         |
| O                | FLW                       | Flow Traders - Stock Option | 21-12-2018  | 28,0000        | P                 | EUR               | 1,0000 | 1,0000 | 0,8500 | 9           | 0,8500 | 0,8800     |      | 1            | 43            | 22-10-2018         |
| O                | FLW                       | Flow Traders - Stock Option | 21-12-2018  | 28,5000        | C                 | EUR               | 1,6400 | 1,6400 | 1,6400 | 1           | 1,6400 | 1,6700     |      | 2            | 4             | 22-10-2018         |
| O                | FLW                       | Flow Traders - Stock Option | 21-12-2018  | 28,5000        | P                 | EUR               | 1,2000 | 1,2000 | 1,0500 | 4           | 1,0500 | 1,0400     |      | 1            | 49            | 22-10-2018         |
| O                | FLW                       | Flow Traders - Stock Option | 21-12-2018  | 29,0000        | C                 | EUR               | 1,5000 | 1,5000 | 1,2500 | 5           | 1,2500 | 1,3900     |      | 1            | 12            | 22-10-2018         |
| O                | FLW                       | Flow Traders - Stock Option | 21-12-2018  | 29,0000        | P                 | EUR               | 1,4500 | 1,4500 | 1,2000 | 3           | 1,2000 | 1,2700     |      | 1            | 23            | 22-10-2018         |
| O                | FLW                       | Flow Traders - Stock Option | 21-12-2018  | 29,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1600     |      | 1            | 0             | 22-10-2018         |
| O                | FLW                       | Flow Traders - Stock Option | 21-12-2018  | 29,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5400     |      | 2            | 0             | 22-10-2018         |
| O                | FLW                       | Flow Traders - Stock Option | 21-12-2018  | 30,0000        | C                 | EUR               | 0,9000 | 1,0000 | 0,9000 | 15          | 0,9000 | 0,9500     |      | 1            | 58            | 22-10-2018         |
| O                | FLW                       | Flow Traders - Stock Option | 21-12-2018  | 30,0000        | P                 | EUR               | 2,0000 | 2,0500 | 1,8000 | 6           | 1,8000 | 1,8300     |      | 2            | 73            | 22-10-2018         |
| O                | FLW                       | Flow Traders - Stock Option | 21-12-2018  | 32,0000        | C                 | EUR               | 0,3900 | 0,4000 | 0,3900 | 2           | 0,4000 | 0,4100     |      | 0            | 5             | 22-10-2018         |
| O                | FLW                       | Flow Traders - Stock Option | 21-12-2018  | 32,0000        | P                 | EUR               | 3,3000 | 3,3000 | 3,3000 | 1           | 3,3000 | 3,2900     |      | 3            | 4             | 22-10-2018         |
| O                | FLW                       | Flow Traders - Stock Option | 21-12-2018  | 34,0000        | C                 | EUR               | 0,1900 | 0,1900 | 0,1700 | 2           | 0,1700 | 0,1700     |      | 0            | 10            | 22-10-2018         |
| O                | FLW                       | Flow Traders - Stock Option | 21-12-2018  | 34,0000        | P                 | EUR               | 5,3500 | 5,3500 | 5,0000 | 2           | 5,0000 | 5,0500     |      | 5            | 31            | 22-10-2018         |
| O                | FLW                       | Flow Traders - Stock Option | 21-12-2018  | 36,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     |      | 0            | 0             | 22-10-2018         |
| O                | FLW                       | Flow Traders - Stock Option | 21-12-2018  | 36,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,5700     |      | 7            | 0             | 22-10-2018         |
| O                | FLW                       | Flow Traders - Stock Option | 21-12-2018  | 38,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     |      | 0            | 0             | 22-10-2018         |
| O                | FLW                       | Flow Traders - Stock Option | 21-12-2018  | 38,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,9200     |      | 9            | 0             | 22-10-2018         |
| O                | FLW                       | Flow Traders - Stock Option | 21-12-2018  | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 0             | 22-10-2018         |
| O                | FLW                       | Flow Traders - Stock Option | 21-12-2018  | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,9100    |      | 11           | 0             | 22-10-2018         |
| O                | FLW                       | Flow Traders - Stock Option | 21-12-2018  | 45,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 22-10-2018         |
| O                | FLW                       | Flow Traders - Stock Option | 21-12-2018  | 45,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,9000    |      | 16           | 0             | 22-10-2018         |
| O                | FLW                       | Flow Traders - Stock Option | 21-12-2018  | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 22-10-2018         |
| O                | FLW                       | Flow Traders - Stock Option | 21-12-2018  | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 20,9000    |      | 21           | 0             | 22-10-2018         |
| O                | FLW                       | Flow Traders - Stock Option | 21-12-2018  | 55,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 22-10-2018         |
| O                | FLW                       | Flow Traders - Stock Option | 21-12-2018  | 55,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 25,9000    |      | 26           | 0             | 22-10-2018         |
| O                | FLW                       | Flow Traders - Stock Option | 18-1-2019   | 25,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,5800     |      | 5            | 0             | 22-10-2018         |
| O                | FLW                       | Flow Traders - Stock Option | 18-1-2019   | 25,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4600     |      | 0            | 0             | 22-10-2018         |
| O                | FLW                       | Flow Traders - Stock Option | 18-1-2019   | 26,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,7200     |      | 4            | 0             | 22-10-2018         |
| O                | FLW                       | Flow Traders - Stock Option | 18-1-2019   | 26,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6000     |      | 1            | 0             | 22-10-2018         |
| O                | FLW                       | Flow Traders - Stock Option | 18-1-2019   | 27,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9300     |      | 3            | 0             | 22-10-2018         |
| O                | FLW                       | Flow Traders - Stock Option | 18-1-2019   | 27,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8200     |      | 1            | 0             | 22-10-2018         |
| O                | FLW                       | Flow Traders - Stock Option | 18-1-2019   | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2500     |      | 2            | 0             | 22-10-2018         |
| O                | FLW                       | Flow Traders - Stock Option | 18-1-2019   | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1300     |      | 1            | 0             | 22-10-2018         |
| O                | FLW                       | Flow Traders - Stock Option | 18-1-2019   | 28,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9300     |      | 2            | 0             | 22-10-2018         |
| O                | FLW                       | Flow Traders - Stock Option | 18-1-2019   | 28,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3200     |      | 1            | 0             | 22-10-2018         |
| O                | FLW                       | Flow Traders - Stock Option | 18-1-2019   | 29,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7000     |      | 2            | 0             | 22-10-2018         |
| O                | FLW                       | Flow Traders - Stock Option | 18-1-2019   | 29,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5800     |      | 2            | 0             | 22-10-2018         |
| O                | FLW                       | Flow Traders - Stock Option | 18-1-2019   | 29,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4400     |      | 1            | 0             | 22-10-2018         |
| O                | FLW                       | Flow Traders - Stock Option | 18-1-2019   | 29,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8200     |      | 2            | 0             | 22-10-2018         |
| O                | FLW                       | Flow Traders - Stock Option | 18-1-2019   | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2000     |      | 1            | 0             | 22-10-2018         |
| O                | FLW                       | Flow Traders - Stock Option | 18-1-2019   | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0900     |      | 2            | 0             | 22-10-2018         |
| O                | FLW                       | Flow Traders - Stock Option | 18-1-2019   | 32,0000        | C                 | EUR               | 0,7500 | 0,7500 | 0,6500 | 2           | 0,6500 | 0,6300     |      | 1            | 2             | 22-10-2018         |
| O                | FLW                       | Flow Traders - Stock Option | 18-1-2019   | 32,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5200     |      | 4            | 0             | 22-10-2018         |
| O                | FLW                       | Flow Traders - Stock Option | 18-1-2019   | 34,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3000     |      | 0            | 0             | 22-10-2018         |
| O                | FLW                       | Flow Traders - Stock Option | 18-1-2019   | 34,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,1900     |      | 5            | 0             | 22-10-2018         |
| O                | FLW                       | Flow Traders - Stock Option | 15-3-2019   | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,2500    |      | 13           | 0             | 22-10-2018         |
| O                | FLW                       | Flow Traders - Stock Option | 15-3-2019   | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     |      | 0            | 0             | 22-10-2018         |
| O                | FLW                       | Flow Traders - Stock Option | 15-3-2019   | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,3200    |      | 11           | 0             | 22-10-2018         |
| O                | FLW                       | Flow Traders - Stock Option | 15-3-2019   | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2000     |      | 0            | 0             | 22-10-2018         |
| O                | FLW                       | Flow Traders - Stock Option | 15-3-2019   | 20,0000        | C                 | EUR               | 9,4000 | 9,4000 | 9,4000 | 1           | 9,4000 | 9,4200     |      | 9            | 1             | 22-10-2018         |
| O                | FLW                       | Flow Traders - Stock Option | 15-3-2019   | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3000     |      | 0            | 0             | 22-10-2018         |
| O                | FLW                       | Flow Traders - Stock Option | 15-3-2019   | 22,0000        | C                 | EUR               | 7,3300 | 7,3300 | 7,3300 | 1           | 7,3300 | 7,5700     |      | 8            | 2             | 22-10-2018         |
| O                | FLW                       | Flow Traders - Stock Option | 15-3-2019   | 22,0000        | P                 | EUR               | 0,5000 | 0,5000 | 0,4500 | 3           | 0,4500 | 0,4500     |      | 0            | 4             | 22-10-2018         |
| O                | FLW                       | Flow Traders - Stock Option | 15-3-2019   | 23,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,6500     |      | 7            | 0             | 22-10-2018         |
| O                | FLW                       | Flow Traders - Stock Option | 15-3-2019   | 23,0000        | P                 | EUR               | 0,0000 |        |        |             |        |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name                          | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|--|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | FLW                       | Flow Traders - Stock Option              | 15-3-2019   | 27,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3600     |      | 1            | 0             | 159 22-10-2018     |
| O                | FLW                       | Flow Traders - Stock Option              | 15-3-2019   | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8300     |      | 3            | 0             | 261 22-10-2018     |
| O                | FLW                       | Flow Traders - Stock Option              | 15-3-2019   | 28,0000        | P                 | EUR               | 1,8500 | 1,8500 | 1,8500 | 1           | 1,8500 | 1,7200     |      | 2            | 1             | 218 22-10-2018     |
| O                | FLW                       | Flow Traders - Stock Option              | 15-3-2019   | 29,0000        | C                 | EUR               | 2,5000 | 2,5000 | 2,5000 | 1           | 2,5000 | 2,2900     |      | 10           | 410           | 22-10-2018         |
| O                | FLW                       | Flow Traders - Stock Option              | 15-3-2019   | 29,0000        | P                 | EUR               | 2,3500 | 2,3500 | 2,3000 | 10          | 2,3000 | 2,1800     |      | 2            | 131           | 216 22-10-2018     |
| O                | FLW                       | Flow Traders - Stock Option              | 15-3-2019   | 30,0000        | C                 | EUR               | 1,9000 | 1,9000 | 1,8000 | 6           | 1,8500 | 1,8400     |      | 2            | 24            | 366 22-10-2018     |
| O                | FLW                       | Flow Traders - Stock Option              | 15-3-2019   | 30,0000        | P                 | EUR               | 2,7000 | 2,7000 | 2,7000 | 1           | 2,7000 | 2,7400     |      | 3            | 1             | 212 22-10-2018     |
| O                | FLW                       | Flow Traders - Stock Option              | 15-3-2019   | 32,0000        | C                 | EUR               | 1,2000 | 1,2000 | 1,2000 | 1           | 1,2000 | 1,1400     |      | 1            | 1             | 241 22-10-2018     |
| O                | FLW                       | Flow Traders - Stock Option              | 15-3-2019   | 32,0000        | P                 | EUR               | 4,0500 | 4,0500 | 4,0500 | 2           | 4,0500 | 4,0400     |      | 4            | 25            | 196 22-10-2018     |
| O                | FLW                       | Flow Traders - Stock Option              | 15-3-2019   | 34,0000        | C                 | EUR               | 0,7500 | 0,7500 | 0,7500 | 2           | 0,7500 | 0,7100     |      | 1            | 2             | 89 22-10-2018      |
| O                | FLW                       | Flow Traders - Stock Option              | 15-3-2019   | 34,0000        | P                 | EUR               | 5,5200 | 5,5200 | 5,5200 | 1           | 5,5200 | 5,6100     |      | 6            | 1             | 101 22-10-2018     |
| O                | FLW                       | Flow Traders - Stock Option              | 15-3-2019   | 36,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4200     |      | 0            | 209           | 22-10-2018         |
| O                | FLW                       | Flow Traders - Stock Option              | 15-3-2019   | 36,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,3300     |      | 7            | 0             | 128 22-10-2018     |
| O                | FLW                       | Flow Traders - Stock Option              | 15-3-2019   | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1900     |      | 0            | 0             | 115 22-10-2018     |
| O                | FLW                       | Flow Traders - Stock Option              | 15-3-2019   | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,1000    |      | 11           | 0             | 6 22-10-2018       |
| O                | FLW                       | Flow Traders - Stock Option              | 15-3-2019   | 45,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     |      | 0            | 24            | 22-10-2018         |
| O                | FLW                       | Flow Traders - Stock Option              | 15-3-2019   | 45,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,9900    |      | 16           | 0             | 3 22-10-2018       |
| O                | FLW                       | Flow Traders - Stock Option              | 15-3-2019   | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     |      | 0            | 60            | 22-10-2018         |
| O                | FLW                       | Flow Traders - Stock Option              | 15-3-2019   | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 20,9500    |      | 21           | 0             | 70 22-10-2018      |
| O                | FLW                       | Flow Traders - Stock Option              | 21-6-2019   | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,3500    |      | 11           | 0             | 60 22-10-2018      |
| O                | FLW                       | Flow Traders - Stock Option              | 21-6-2019   | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3900     |      | 0            | 149           | 22-10-2018         |
| O                | FLW                       | Flow Traders - Stock Option              | 21-6-2019   | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,4900     |      | 9            | 0             | 11 22-10-2018      |
| O                | FLW                       | Flow Traders - Stock Option              | 21-6-2019   | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5800     |      | 1            | 0             | 18 22-10-2018      |
| O                | FLW                       | Flow Traders - Stock Option              | 21-6-2019   | 22,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,7000     |      | 8            | 0             | 3 22-10-2018       |
| O                | FLW                       | Flow Traders - Stock Option              | 21-6-2019   | 22,0000        | P                 | EUR               | 0,9000 | 0,9000 | 0,9000 | 1           | 0,9000 | 0,8500     |      | 1            | 2             | 29 22-10-2018      |
| O                | FLW                       | Flow Traders - Stock Option              | 21-6-2019   | 24,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,0600     |      | 6            | 0             | 90 22-10-2018      |
| O                | FLW                       | Flow Traders - Stock Option              | 21-6-2019   | 24,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2900     |      | 1            | 0             | 61 22-10-2018      |
| O                | FLW                       | Flow Traders - Stock Option              | 21-6-2019   | 25,0000        | C                 | EUR               | 5,2000 | 5,2000 | 5,2000 | 1           | 5,2000 | 5,2900     |      | 5            | 20            | 91 22-10-2018      |
| O                | FLW                       | Flow Traders - Stock Option              | 21-6-2019   | 25,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5600     |      | 2            | 0             | 5 22-10-2018       |
| O                | FLW                       | Flow Traders - Stock Option              | 21-6-2019   | 26,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,5400     |      | 5            | 0             | 15 22-10-2018      |
| O                | FLW                       | Flow Traders - Stock Option              | 21-6-2019   | 26,0000        | P                 | EUR               | 1,9500 | 1,9500 | 1,9500 | 1           | 1,9500 | 1,8600     |      | 2            | 1             | 11 22-10-2018      |
| O                | FLW                       | Flow Traders - Stock Option              | 21-6-2019   | 27,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8900     |      | 4            | 0             | 130 22-10-2018     |
| O                | FLW                       | Flow Traders - Stock Option              | 21-6-2019   | 27,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2500     |      | 2            | 0             | 154 22-10-2018     |
| O                | FLW                       | Flow Traders - Stock Option              | 21-6-2019   | 28,0000        | C                 | EUR               | 3,3700 | 3,3700 | 3,3700 | 1           | 3,3700 | 3,2900     |      | 3            | 3             | 79 22-10-2018      |
| O                | FLW                       | Flow Traders - Stock Option              | 21-6-2019   | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7000     |      | 3            | 0             | 154 22-10-2018     |
| O                | FLW                       | Flow Traders - Stock Option              | 21-6-2019   | 29,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8000     |      | 3            | 0             | 0 22-10-2018       |
| O                | FLW                       | Flow Traders - Stock Option              | 21-6-2019   | 29,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2400     |      | 3            | 0             | 0 22-10-2018       |
| O                | FLW                       | Flow Traders - Stock Option              | 21-6-2019   | 30,0000        | C                 | EUR               | 2,5000 | 2,5000 | 2,4000 | 3           | 2,4000 | 2,3600     |      | 2            | 11            | 403 22-10-2018     |
| O                | FLW                       | Flow Traders - Stock Option              | 21-6-2019   | 30,0000        | P                 | EUR               | 3,9000 | 3,9000 | 3,9000 | 3           | 3,9000 | 3,8400     |      | 4            | 10            | 153 22-10-2018     |
| O                | FLW                       | Flow Traders - Stock Option              | 21-6-2019   | 35,0000        | C                 | EUR               | 1,0500 | 1,0500 | 1,0500 | 1           | 1,0500 | 0,9600     |      | 1            | 2             | 33 22-10-2018      |
| O                | FLW                       | Flow Traders - Stock Option              | 21-6-2019   | 35,0000        | P                 | EUR               | 7,8000 | 7,8000 | 7,4700 | 2           | 7,4700 | 7,5500     |      | 8            | 46            | 173 22-10-2018     |
| O                | FLW                       | Flow Traders - Stock Option              | 21-6-2019   | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4000     |      | 0            | 0             | 0 22-10-2018       |
| O                | FLW                       | Flow Traders - Stock Option              | 21-6-2019   | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,0400    |      | 12           | 0             | 30 22-10-2018      |
| F                | FM6                       | Fresenius Medical Care AG - Stock Future | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 69,9808    |      | 70           | 0             | 0 22-10-2018       |
| F                | FM6                       | Fresenius Medical Care AG - Stock Future | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 69,9540    |      | 70           | 0             | 0 22-10-2018       |
| F                | FM6                       | Fresenius Medical Care AG - Stock Future | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 69,9325    |      | 70           | 0             | 0 22-10-2018       |
| F                | FM6                       | Fresenius Medical Care AG - Stock Future | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 69,9089    |      | 70           | 0             | 0 22-10-2018       |
| F                | FM6                       | Fresenius Medical Care AG - Stock Future | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 68,6974    |      | 69           | 0             | 0 22-10-2018       |
| F                | FM6                       | Fresenius Medical Care AG - Stock Future | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 68,6409    |      | 69           | 0             | 0 22-10-2018       |
| F                | FN6                       | Fresnillo - Stock Future                 | 16-11-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 895,9700   |      | 896          | 0             | 0 22-10-2018       |
| F                | FN6                       | Fresnillo - Stock Future                 | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 896,5300   |      | 897          | 0             | 0 22-10-2018       |
| F                | FN6                       | Fresnillo - Stock Future                 | 18-1-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 897,0000   |      | 897          | 0             | 0 22-10-2018       |
| F                | FN6                       | Fresnillo - Stock Future                 | 15-3-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 898,0100   |      | 898          | 0             | 0 22-10-2018       |
| F                | FN6                       | Fresnillo - Stock Future                 | 21-6-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 876,8800   |      | 877          | 0             | 0 22-10-2018       |
| F                | FN6                       | Fresnillo - Stock Future                 | 20-9-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 869,3400   |      | 869          | 0             | 0 22-10-2018       |
| F                | FO6                       | Associated British Foods - Stock Future  | 16-11-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2322,9700  |      | 2323         | 0             | 0 22-10-2018       |
| F                | FO6                       | Associated British Foods - Stock Future  | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2292,9100  |      | 2293         | 0             | 0 22-10-2018       |
| F                | FO6                       | Associated British Foods - Stock Future  | 18-1-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2294,1200  |      | 2294         | 0             | 0 22-10-2018       |
| F                | FO6                       | Associated British Foods - Stock Future  | 15-3-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2296,7100  |      | 2297         | 0             | 0 22-10-2018       |
| F                | FO6                       | Associated British Foods - Stock Future  | 21-6-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2288,7400  |      | 2289         | 0             | 0 22-10-2018       |
| F                | FO6                       | Associated British Foods - Stock Future  | 20-9-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2293,8600  |      | 2294         | 0             | 0 22-10-2018       |
| F                | FP6                       | Fraport AG - Stock Future                | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 66,5618    |      | 67           | 0             | 0 22-10-2018       |
| F                | FP6                       | Fraport AG - Stock Future                | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 66,5362    |      | 67           | 0             | 0 22-10-2018       |
| F                | FP6                       | Fraport AG - Stock Future                | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 66,5158    |      | 67           | 0             | 0 22-10-2018       |
| F                | FP6                       | Fraport AG - Stock Future                | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 66,4934    |      | 66           | 0             | 0 22-10-2018       |
| F                | FP6                       | Fraport AG - Stock Future                | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 64,6349    |      | 65           | 0             | 0 22-10-2018       |
| F                | FP6                       | Fraport AG - Stock Future                | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 64,5817    |      | 65           | 0             | 0 22-10-2018       |
| F                | FS6                       | Fresenius SE & Co KGaA - Stock Future    | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 59,8636    |      | 60           | 0             | 0 22-10-2018       |
| F                | FS6                       | Fresenius SE & Co KGaA - Stock Future    | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 59,8406    |      | 60           | 0             | 0 22-10-2018       |
| F                | FS6                       | Fresenius SE & Co KGaA - Stock Future    | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 59,8223    |      | 60           | 0             | 0 22-10-2018       |
| F                | FS6                       | Fresenius SE & Co KGaA - Stock Future    | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 59,8021    |      | 60           | 0             | 0 22-10-2018       |
| F                | FS6                       | Fresenius SE & Co KGaA - Stock Future    | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 59,1493    |      | 59           | 0             | 0 22-10-2018       |
| F                | FS6                       | Fresenius SE & Co KGaA - Stock Future    | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 59,1007    |      | 59           | 0             | 0 22-10-2018       |
| F                | FS8                       | Fresenius - Dividend Future              | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7500     |      | 1            | 0             | 0 22-10-2018       |
| F                | FS8                       | Fresenius - Dividend Future              | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8200     |      | 1            | 0             | 0 22-10-2018       |
| F                | FS8                       | Fresenius - Dividend Future              | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9000     |      | 1            | 0             | 0 22-10            |



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| Instrument Type* | Instrument Trading Symbol | Instrument Name          | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP   | Total Volume | Open Interest | Open Interest Date |            |
|------------------|---------------------------|--------------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|--------|--------------|---------------|--------------------|------------|
| O                | FSQ                       | Fresenius - Stock Option | 19-6-2020   | 65,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9900     |        | 4            | 0             | 22-10-2018         |            |
| O                | FSQ                       | Fresenius - Stock Option | 19-6-2020   | 65,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,6700    |        | 11           | 0             | 22-10-2018         |            |
| O                | FSQ                       | Fresenius - Stock Option | 19-6-2020   | 70,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5600     |        | 3            | 0             | 22-10-2018         |            |
| O                | FSQ                       | Fresenius - Stock Option | 19-6-2020   | 70,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,3300    |        | 14           | 0             | 22-10-2018         |            |
| O                | FSQ                       | Fresenius - Stock Option | 19-6-2020   | 75,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6000     |        | 2            | 0             | 22-10-2018         |            |
| O                | FSQ                       | Fresenius - Stock Option | 19-6-2020   | 75,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,4400    |        | 18           | 0             | 22-10-2018         |            |
| O                | FSQ                       | Fresenius - Stock Option | 19-6-2020   | 80,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9800     |        | 1            | 0             | 22-10-2018         |            |
| O                | FSQ                       | Fresenius - Stock Option | 19-6-2020   | 80,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,8700    |        | 23           | 0             | 22-10-2018         |            |
| O                | FSQ                       | Fresenius - Stock Option | 19-6-2020   | 90,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3700     |        | 0            | 0             | 22-10-2018         |            |
| O                | FSQ                       | Fresenius - Stock Option | 19-6-2020   | 90,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 32,3300    |        | 32           | 0             | 22-10-2018         |            |
| O                | FSQ                       | Fresenius - Stock Option | 19-6-2020   | 100,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     |        | 0            | 0             | 22-10-2018         |            |
| O                | FSQ                       | Fresenius - Stock Option | 19-6-2020   | 100,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 42,1500    |        | 42           | 0             | 22-10-2018         |            |
| O                | FSQ                       | Fresenius - Stock Option | 18-12-2020  | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,5900    |        | 13           | 0             | 22-10-2018         |            |
| O                | FSQ                       | Fresenius - Stock Option | 18-12-2020  | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,0300     |        | 4            | 0             | 22-10-2018         |            |
| O                | FSQ                       | Fresenius - Stock Option | 18-12-2020  | 55,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,3500     |        | 9            | 0             | 22-10-2018         |            |
| O                | FSQ                       | Fresenius - Stock Option | 18-12-2020  | 55,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,9200     |        | 6            | 0             | 22-10-2018         |            |
| O                | FSQ                       | Fresenius - Stock Option | 18-12-2020  | 56,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,7900     |        | 9            | 0             | 22-10-2018         |            |
| O                | FSQ                       | Fresenius - Stock Option | 18-12-2020  | 56,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,3900     |        | 6            | 0             | 22-10-2018         |            |
| O                | FSQ                       | Fresenius - Stock Option | 18-12-2020  | 58,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,6900     |        | 8            | 0             | 22-10-2018         |            |
| O                | FSQ                       | Fresenius - Stock Option | 18-12-2020  | 58,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,3300     |        | 7            | 0             | 22-10-2018         |            |
| O                | FSQ                       | Fresenius - Stock Option | 18-12-2020  | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,7700     |        | 7            | 0             | 22-10-2018         |            |
| O                | FSQ                       | Fresenius - Stock Option | 18-12-2020  | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,4500     |        | 8            | 0             | 22-10-2018         |            |
| O                | FSQ                       | Fresenius - Stock Option | 18-12-2020  | 65,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,7700     |        | 5            | 0             | 22-10-2018         |            |
| O                | FSQ                       | Fresenius - Stock Option | 18-12-2020  | 65,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,5200    |        | 12           | 0             | 22-10-2018         |            |
| O                | FSQ                       | Fresenius - Stock Option | 18-12-2020  | 70,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2700     |        | 3            | 0             | 22-10-2018         |            |
| O                | FSQ                       | Fresenius - Stock Option | 18-12-2020  | 70,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,0800    |        | 15           | 0             | 22-10-2018         |            |
| O                | FSQ                       | Fresenius - Stock Option | 18-12-2020  | 75,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1900     |        | 2            | 0             | 22-10-2018         |            |
| O                | FSQ                       | Fresenius - Stock Option | 18-12-2020  | 75,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 19,0400    |        | 19           | 0             | 22-10-2018         |            |
| O                | FSQ                       | Fresenius - Stock Option | 18-12-2020  | 80,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4600     |        | 1            | 0             | 22-10-2018         |            |
| O                | FSQ                       | Fresenius - Stock Option | 18-12-2020  | 80,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 23,3300    |        | 23           | 0             | 22-10-2018         |            |
| O                | FSQ                       | Fresenius - Stock Option | 18-12-2020  | 90,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6600     |        | 1            | 0             | 22-10-2018         |            |
| O                | FSQ                       | Fresenius - Stock Option | 18-12-2020  | 90,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 32,5800    |        | 33           | 0             | 22-10-2018         |            |
| O                | FSQ                       | Fresenius - Stock Option | 18-12-2020  | 100,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2900     |        | 0            | 0             | 22-10-2018         |            |
| O                | FSQ                       | Fresenius - Stock Option | 18-12-2020  | 100,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 42,2500    |        | 42           | 0             | 22-10-2018         |            |
| O                | FSQ                       | Fresenius - Stock Option | 18-6-2021   | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,0900    |        | 13           | 0             | 22-10-2018         |            |
| O                | FSQ                       | Fresenius - Stock Option | 18-6-2021   | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,0100     |        | 5            | 0             | 22-10-2018         |            |
| O                | FSQ                       | Fresenius - Stock Option | 18-6-2021   | 55,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,9100     |        | 10           | 0             | 22-10-2018         |            |
| O                | FSQ                       | Fresenius - Stock Option | 18-6-2021   | 55,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,9900     |        | 7            | 0             | 22-10-2018         |            |
| O                | FSQ                       | Fresenius - Stock Option | 18-6-2021   | 56,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,3500     |        | 9            | 0             | 22-10-2018         |            |
| O                | FSQ                       | Fresenius - Stock Option | 18-6-2021   | 56,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,4600     |        | 7            | 0             | 22-10-2018         |            |
| O                | FSQ                       | Fresenius - Stock Option | 18-6-2021   | 58,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,2800     |        | 8            | 0             | 22-10-2018         |            |
| O                | FSQ                       | Fresenius - Stock Option | 18-6-2021   | 58,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,4500     |        | 8            | 0             | 22-10-2018         |            |
| O                | FSQ                       | Fresenius - Stock Option | 18-6-2021   | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,3700     |        | 7            | 0             | 22-10-2018         |            |
| O                | FSQ                       | Fresenius - Stock Option | 18-6-2021   | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,5900     |        | 10           | 0             | 22-10-2018         |            |
| O                | FSQ                       | Fresenius - Stock Option | 18-6-2021   | 65,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,3800     |        | 5            | 0             | 22-10-2018         |            |
| O                | FSQ                       | Fresenius - Stock Option | 18-6-2021   | 65,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,7000    |        | 13           | 0             | 22-10-2018         |            |
| O                | FSQ                       | Fresenius - Stock Option | 18-6-2021   | 70,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8500     |        | 4            | 0             | 22-10-2018         |            |
| O                | FSQ                       | Fresenius - Stock Option | 18-6-2021   | 70,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,2500    |        | 16           | 0             | 22-10-2018         |            |
| O                | FSQ                       | Fresenius - Stock Option | 18-6-2021   | 75,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7100     |        | 3            | 0             | 22-10-2018         |            |
| O                | FSQ                       | Fresenius - Stock Option | 18-6-2021   | 75,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 20,1800    |        | 20           | 0             | 22-10-2018         |            |
| O                | FSQ                       | Fresenius - Stock Option | 18-6-2021   | 80,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9000     |        | 2            | 0             | 22-10-2018         |            |
| O                | FSQ                       | Fresenius - Stock Option | 18-6-2021   | 80,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 24,4100    |        | 24           | 0             | 22-10-2018         |            |
| O                | FSQ                       | Fresenius - Stock Option | 18-6-2021   | 90,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9400     |        | 1            | 0             | 22-10-2018         |            |
| O                | FSQ                       | Fresenius - Stock Option | 18-6-2021   | 90,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 33,5200    |        | 34           | 0             | 22-10-2018         |            |
| O                | FSQ                       | Fresenius - Stock Option | 18-6-2021   | 100,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4700     |        | 0            | 0             | 22-10-2018         |            |
| O                | FSQ                       | Fresenius - Stock Option | 18-6-2021   | 100,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 43,1000    |        | 43           | 0             | 22-10-2018         |            |
| F                | FUG6                      | Fugro NV - Stock Future  | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,6521    |        | 11           | 0             | 22-10-2018         |            |
| F                | FUG6                      | Fugro NV - Stock Future  | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,6480    |        | 11           | 0             | 22-10-2018         |            |
| F                | FUG6                      | Fugro NV - Stock Future  | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,6447    |        | 11           | 0             | 22-10-2018         |            |
| F                | FUG6                      | Fugro NV - Stock Future  | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,6411    |        | 11           | 0             | 22-10-2018         |            |
| F                | FUG6                      | Fugro NV - Stock Future  | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,6317    |        | 11           | 0             | 22-10-2018         |            |
| F                | FUG6                      | Fugro NV - Stock Future  | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,6230    |        | 11           | 0             | 22-10-2018         |            |
| F                | FUG8                      | Fugro - Dividend Future  | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0000     |        | 0            | 0             | 22-10-2018         |            |
| F                | FUG8                      | Fugro - Dividend Future  | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     |        | 0            | 0             | 22-10-2018         |            |
| F                | FUG8                      | Fugro - Dividend Future  | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1500     |        | 0            | 0             | 22-10-2018         |            |
| F                | FUG8                      | Fugro - Dividend Future  | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1500     |        | 0            | 0             | 22-10-2018         |            |
| F                | FUG8                      | Fugro - Dividend Future  | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1500     |        | 0            | 0             | 22-10-2018         |            |
| O                | FUR                       | FUGRO                    | 16-11-2018  | 8,8000         | C                 | EUR               | 2,0700 | 2,0700 | 2,0700 | -           | 1      | 2,0700     | 1,9900 |              | 2             | 1                  | 22-10-2018 |
| O                | FUR                       | FUGRO                    | 16-11-2018  | 8,8000         | P                 | EUR               | 0,1300 | 0,1300 | 0,1300 | -           | 1      | 0,1300     | 0,1300 |              | 0             | 100                | 22-10-2018 |
| O                | FUR                       | FUGRO                    | 16-11-2018  | 9,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6300     |        | 2            | 0             | 5                  | 22-10-2018 |
| O                | FUR                       | FUGRO                    | 16-11-2018  | 9,2000         | P                 | EUR               | 0,1600 | 0,1800 | 0,1600 | -           | 2      | 0,1800     | 0,1700 |              | 0             | 252                | 22-10-2018 |
| O                | FUR                       | FUGRO                    | 16-11-2018  | 9,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3000     |        | 1            | 0             | 11                 | 22-10-2018 |
| O                | FUR                       | FUGRO                    | 16-11-2018  | 9,6000         | P                 | EUR               | 0,2200 | 0,2300 | 0,2000 | -           | 10     | 0,2300     | 0,2400 |              | 0             | 87                 | 22-10-2018 |
| O                | FUR                       | FUGRO                    | 16-11-2018  | 9,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1400     |        | 1            | 0             | 36                 | 22-10-2018 |
| O                | FUR                       | FUGRO                    | 16-11-2018  | 9,8000         | P                 | EUR               | 0,2600 | 0,2600 | 0,2600 | -           | 1      | 0,2600     | 0,2900 |              | 0             | 20                 | 22-10-2018 |
| O                | FUR                       | FUGRO                    | 16-11-2018  | 10,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9900     |        | 1            | 0             | 17                 | 22-10-2018 |
| O                | FUR                       | FUGRO                    | 16-11-2018  | 10,0000        | P                 | EUR               | 0,3100 | 0,3600 | 0,3100 | -           | 5      | 0,3600     | 0,3400 |              | 0             | 8                  | 22-10-2018 |
| O                | FUR                       | FUGRO                    | 16-11-2018  | 10,5000        | C                 | EUR               | 0,8000 | 0,8000 | 0,7000 | -           | 6      | 0,7000     | 0,6700 |              | 1             | 2                  |            |



| Instrument Type* | Instrument Trading Symbol | Instrument Name | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open     | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|-----------------|-------------|----------------|-------------------|-------------------|----------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | FUR                       | FUGRO           | 16-11-2018  | 12,5000        | C                 | EUR               | 0,1100   | 0,1100 | 0,0900 | 4           | 0,1100 | 0,1000     | 0    | 18           | 647           | 22-10-2018         |
| O                | FUR                       | FUGRO           | 16-11-2018  | 12,5000        | P                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 1,9500     | 2    | 0            | 106           | 22-10-2018         |
| O                | FUR                       | FUGRO           | 16-11-2018  | 13,0000        | C                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     | 0    | 0            | 289           | 22-10-2018         |
| O                | FUR                       | FUGRO           | 16-11-2018  | 13,0000        | P                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 2,4200     | 2    | 0            | 55            | 22-10-2018         |
| O                | FUR                       | FUGRO           | 16-11-2018  | 14,0000        | C                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     | 0    | 0            | 153           | 22-10-2018         |
| O                | FUR                       | FUGRO           | 16-11-2018  | 14,0000        | P                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 3,3900     | 3    | 0            | 39            | 22-10-2018         |
| O                | FUR                       | FUGRO           | 16-11-2018  | 15,0000        | C                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 66            | 22-10-2018         |
| O                | FUR                       | FUGRO           | 16-11-2018  | 15,0000        | P                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 4,3700     | 4    | 0            | 67            | 22-10-2018         |
| O                | FUR                       | FUGRO           | 21-12-2018  | 6,0000         | C                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 4,6900     | 5    | 0            | 117           | 22-10-2018         |
| O                | FUR                       | FUGRO           | 21-12-2018  | 6,0000         | P                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     | 0    | 0            | 530           | 22-10-2018         |
| O                | FUR                       | FUGRO           | 21-12-2018  | 7,0000         | C                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 3,7300     | 4    | 0            | 5             | 22-10-2018         |
| O                | FUR                       | FUGRO           | 21-12-2018  | 7,0000         | P                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     | 0    | 0            | 371           | 22-10-2018         |
| O                | FUR                       | FUGRO           | 21-12-2018  | 8,0000         | C                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 2,7900     | 3    | 0            | 416           | 22-10-2018         |
| O                | FUR                       | FUGRO           | 21-12-2018  | 8,0000         | P                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 0,1400     | 0    | 0            | 2770          | 22-10-2018         |
| O                | FUR                       | FUGRO           | 21-12-2018  | 8,8000         | C                 | EUR               | 2,2200   | 2,2200 | 2,2200 | 1           | 2,2200 | 2,0800     | 2    | 1            | 342           | 22-10-2018         |
| O                | FUR                       | FUGRO           | 21-12-2018  | 8,8000         | P                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 0,2300     | 0    | 0            | 1948          | 22-10-2018         |
| O                | FUR                       | FUGRO           | 21-12-2018  | 9,2000         | C                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 1,7500     | 2    | 0            | 20            | 22-10-2018         |
| O                | FUR                       | FUGRO           | 21-12-2018  | 9,2000         | P                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 0,3000     | 0    | 0            | 32            | 22-10-2018         |
| O                | FUR                       | FUGRO           | 21-12-2018  | 9,5000         | C                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 1,5100     | 2    | 0            | 96            | 22-10-2018         |
| O                | FUR                       | FUGRO           | 21-12-2018  | 9,5000         | P                 | EUR               | 0,3300   | 0,3300 | 0,3300 | 1           | 0,3300 | 0,3600     | 0    | 5            | 337           | 22-10-2018         |
| O                | FUR                       | FUGRO           | 21-12-2018  | 10,0000        | C                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 1,1600     | 1    | 0            | 1342          | 22-10-2018         |
| O                | FUR                       | FUGRO           | 21-12-2018  | 10,0000        | P                 | EUR               | 0,4500   | 0,5400 | 0,4500 | 7           | 0,5000 | 0,5200     | 1    | 22           | 2864          | 22-10-2018         |
| O                | FUR                       | FUGRO           | 21-12-2018  | 10,5000        | C                 | EUR               | 0,8500   | 0,8500 | 0,8500 | 2           | 0,8500 | 0,8600     | 1    | 6            | 45            | 22-10-2018         |
| O                | FUR                       | FUGRO           | 21-12-2018  | 10,5000        | P                 | EUR               | 0,6700   | 0,6700 | 0,6700 | 1           | 0,6700 | 0,7100     | 1    | 3            | 215           | 22-10-2018         |
| O                | FUR                       | FUGRO           | 21-12-2018  | 11,0000        | C                 | EUR               | 0,6500   | 0,7000 | 0,6000 | 4           | 0,6000 | 0,5900     | 1    | 11           | 1040          | 22-10-2018         |
| O                | FUR                       | FUGRO           | 21-12-2018  | 11,0000        | P                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 0,9400     | 1    | 0            | 2792          | 22-10-2018         |
| O                | FUR                       | FUGRO           | 21-12-2018  | 11,5000        | C                 | EUR               | 0,4700   | 0,4700 | 0,4200 | 3           | 0,4200 | 0,4200     | 0    | 8            | 141           | 22-10-2018         |
| O                | FUR                       | FUGRO           | 21-12-2018  | 11,5000        | P                 | EUR               | 1,1500   | 1,2000 | 1,1500 | 3           | 1,2000 | 1,2700     | 1    | 24           | 133           | 22-10-2018         |
| O                | FUR                       | FUGRO           | 21-12-2018  | 12,0000        | C                 | EUR               | 0,3500   | 0,3500 | 0,2700 | 10          | 0,2700 | 0,2900     | 0    | 37           | 3944          | 22-10-2018         |
| O                | FUR                       | FUGRO           | 21-12-2018  | 12,0000        | P                 | EUR               | 1,6000   | 1,6500 | 1,6000 | 6           | 1,6500 | 1,6400     | 2    | 65           | 3322          | 22-10-2018         |
| O                | FUR                       | FUGRO           | 21-12-2018  | 12,5000        | C                 | EUR               | 0,2100   | 0,2100 | 0,2100 | 1           | 0,2100 | 0,2000     | 0    | 2            | 76            | 22-10-2018         |
| O                | FUR                       | FUGRO           | 21-12-2018  | 12,5000        | P                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 2,0500     | 2    | 0            | 40            | 22-10-2018         |
| O                | FUR                       | FUGRO           | 21-12-2018  | 13,0000        | C                 | EUR               | 0,1500   | 0,1500 | 0,1500 | 1           | 0,1500 | 0,1300     | 0    | 50           | 2867          | 22-10-2018         |
| O                | FUR                       | FUGRO           | 21-12-2018  | 13,0000        | P                 | EUR               | 2,4500   | 2,4500 | 2,4500 | 1           | 2,4500 | 2,4900     | 2    | 2            | 2215          | 22-10-2018         |
| O                | FUR                       | FUGRO           | 21-12-2018  | 14,0000        | C                 | EUR               | 0,0900   | 0,0900 | 0,0800 | 2           | 0,0800 | 0,0900     | 0    | 12           | 3766          | 22-10-2018         |
| O                | FUR                       | FUGRO           | 21-12-2018  | 14,0000        | P                 | EUR               | 3,2500   | 3,4000 | 3,2500 | 3           | 3,4000 | 3,4400     | 3    | 6            | 2432          | 22-10-2018         |
| O                | FUR                       | FUGRO           | 21-12-2018  | 15,0000        | C                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 2161         | 22-10-2018    |                    |
| O                | FUR                       | FUGRO           | 21-12-2018  | 15,0000        | P                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 4,4200     | 4    | 0            | 1076          | 22-10-2018         |
| O                | FUR                       | FUGRO           | 21-12-2018  | 16,0000        | C                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     | 0    | 0            | 1185          | 22-10-2018         |
| O                | FUR                       | FUGRO           | 21-12-2018  | 16,0000        | P                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 5,3900     | 5    | 0            | 916           | 22-10-2018         |
| O                | FUR                       | FUGRO           | 21-12-2018  | 18,0000        | C                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 980           | 22-10-2018         |
| O                | FUR                       | FUGRO           | 21-12-2018  | 18,0000        | P                 | EUR               | 7,2000   | 7,2000 | 7,2000 | 1           | 7,2000 | 7,3900     | 7    | 6            | 811           | 22-10-2018         |
| O                | FUR                       | FUGRO           | 21-12-2018  | 20,0000        | C                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 1650          | 22-10-2018         |
| O                | FUR                       | FUGRO           | 21-12-2018  | 20,0000        | P                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 9,3600     | 9    | 0            | 1302          | 22-10-2018         |
| O                | FUR                       | FUGRO           | 18-1-2019   | 9,2000         | C                 | EUR               | 1,8000   | 1,8000 | 1,8000 | 1           | 1,8000 | 1,8300     | 2    | 1            | 1             | 22-10-2018         |
| O                | FUR                       | FUGRO           | 18-1-2019   | 9,2000         | P                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 0,3800     | 0    | 0            | 0             | 22-10-2018         |
| O                | FUR                       | FUGRO           | 18-1-2019   | 9,6000         | C                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 1,5200     | 2    | 0            | 0             | 22-10-2018         |
| O                | FUR                       | FUGRO           | 18-1-2019   | 9,6000         | P                 | EUR               | 0,4900   | 0,4900 | 0,4900 | 2           | 0,4900 | 0,4700     | 0    | 10           | 10            | 22-10-2018         |
| O                | FUR                       | FUGRO           | 18-1-2019   | 10,0000        | C                 | EUR               | 1,4000   | 1,4000 | 1,3000 | 2           | 1,3000 | 1,2500     | 1    | 15           | 15            | 22-10-2018         |
| O                | FUR                       | FUGRO           | 18-1-2019   | 10,0000        | P                 | EUR               | 0,6000   | 0,6000 | 0,6000 | 3           | 0,6000 | 0,6100     | 1    | 3            | 3             | 22-10-2018         |
| O                | FUR                       | FUGRO           | 18-1-2019   | 10,5000        | C                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 0,9500     | 1    | 0            | 0             | 22-10-2018         |
| O                | FUR                       | FUGRO           | 18-1-2019   | 10,5000        | P                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 0,8100     | 1    | 0            | 0             | 22-10-2018         |
| O                | FUR                       | FUGRO           | 18-1-2019   | 11,0000        | C                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 0,7200     | 1    | 0            | 0             | 22-10-2018         |
| O                | FUR                       | FUGRO           | 18-1-2019   | 11,0000        | P                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 1,0700     | 1    | 0            | 0             | 22-10-2018         |
| O                | FUR                       | FUGRO           | 18-1-2019   | 11,5000        | C                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 0,5100     | 1    | 0            | 0             | 22-10-2018         |
| O                | FUR                       | FUGRO           | 18-1-2019   | 11,5000        | P                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 1,3700     | 1    | 0            | 0             | 22-10-2018         |
| O                | FUR                       | FUGRO           | 18-1-2019   | 12,0000        | C                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 0,3600     | 0    | 0            | 0             | 22-10-2018         |
| O                | FUR                       | FUGRO           | 18-1-2019   | 12,0000        | P                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 1,7200     | 2    | 0            | 0             | 22-10-2018         |
| O                | FUR                       | FUGRO           | 18-1-2019   | 13,0000        | C                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 0,1900     | 0    | 0            | 0             | 22-10-2018         |
| O                | FUR                       | FUGRO           | 18-1-2019   | 13,0000        | P                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 2,5500     | 3    | 0            | 0             | 22-10-2018         |
| O                | FUR                       | FUGRO           | 18-1-2019   | 14,0000        | C                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 0,1000     | 0    | 0            | 0             | 22-10-2018         |
| O                | FUR                       | FUGRO           | 18-1-2019   | 14,0000        | P                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 3,4600     | 3    | 0            | 0             | 22-10-2018         |
| O                | FUR                       | FUGRO           | 15-3-2019   | 6,0000         | C                 | EUR               | 15,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 4,7900     | 5    | 0            | 6             | 22-10-2018         |
| O                | FUR                       | FUGRO           | 15-3-2019   | 6,0000         | P                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 0,1400     | 0    | 0            | 2089          | 22-10-2018         |
| O                | FUR                       | FUGRO           | 15-3-2019   | 7,0000         | C                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 3,8500     | 4    | 0            | 0             | 22-10-2018         |
| O                | FUR                       | FUGRO           | 15-3-2019   | 7,0000         | P                 | EUR               | 0,2200   | 0,2200 | 0,2200 | 1           | 0,2200 | 0,2000     | 0    | 11           | 223           | 22-10-2018         |
| O                | FUR                       | FUGRO           | 15-3-2019   | 8,0000         | C                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 2,9600     | 3    | 0            | 16            | 22-10-2018         |
| O                | FUR                       | FUGRO           | 15-3-2019   | 8,0000         | P                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 0,3200     | 0    | 0            | 2181          | 22-10-2018         |
| O                | FUR                       | FUGRO           | 15-3-2019   | 9,0000         | C                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 2,1600     | 2    | 0            | 46            | 22-10-2018         |
| O                | FUR                       | FUGRO           | 15-3-2019   | 9,0000         | P                 | EUR               | 0,5000   | 0,5000 | 0,5000 | 1           | 0,5000 | 0,5200     | 1    | 1            | 3410          | 22-10-2018         |
| O                | FUR                       | FUGRO           | 15-3-2019   | 9,5000         | C                 | EUR               | 1,8000   | 1,8000 | 1,8000 | 1           | 1,8000 | 1,8000     | 2    | 27           | 400           | 22-10-2018         |
| O                | FUR                       | FUGRO           | 15-3-2019   | 9,5000         | P                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 0,6600     | 1    | 0            | 571           | 22-10-2018         |
| O                | FUR                       | FUGRO           | 15-3-2019   | 10,0000        | C                 | EUR               | 1,5000   | 1,5500 | 1,5000 | 2           | 1,5500 | 1,4700     | 1    | 7            | 249           | 22-10-2018         |
| O                | FUR                       | FUGRO           | 15-3-2019   | 10,0000        | P                 | EUR               | 0,7600   | 0,8500 | 0,7600 | 2           | 0,8500 | 0,8300     | 1    | 21           | 436           | 22-10-2018         |
| O                | FUR                       | FUGRO           | 15-3-2019   | 11,0000        | C                 | EUR               | 1,0000   | 1,0000 | 0,9500 | 2           | 0,9500 | 0,9600     | 1    | 3            | 1713          | 22-10-2018         |
| O                | FUR                       | FUGRO           | 15-3-2019   | 11,0000        | P                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 1,3200     | 1    | 0            | 1556          | 22-10-2018         |
| O                | FUR                       | FUGRO           | 15-3-2019   | 12,0000        | C                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 0,5900     | 1    | 0            | 2266          | 22-10-2018         |
| O                | FUR                       | FUGRO           | 15-3-2019   | 12,0000        | P                 | EUR               | 0,0000   | 0,0000 | 0,0000 | -           | 0,0000 | 1,9500     | 2    | 0            | 1589          | 22-10-2018         |
| O                | FUR                       | FUGRO           | 15-3-2019   | 13,0000        | C                 | EUR               | 0,0000</ |        |        |             |        |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|-----------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | FUR                       | FUGRO           | 15-3-2019   | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,4700     |      | 5            | 0             | 126 22-10-2018     |
| O                | FUR                       | FUGRO           | 15-3-2019   | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     |      | 0            | 0             | 280 22-10-2018     |
| O                | FUR                       | FUGRO           | 15-3-2019   | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,4300     |      | 7            | 0             | 47 22-10-2018      |
| O                | FUR                       | FUGRO           | 15-3-2019   | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     |      | 0            | 0             | 8 22-10-2018       |
| O                | FUR                       | FUGRO           | 15-3-2019   | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,4200     |      | 9            | 0             | 36 22-10-2018      |
| O                | FUR                       | FUGRO           | 21-6-2019   | 6,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,8800     |      | 5            | 0             | 550 22-10-2018     |
| O                | FUR                       | FUGRO           | 21-6-2019   | 6,0000         | P                 | EUR               | 0,2000 | 0,2300 | 0,2000 | 3           | 0,2300 | 0,2300     |      | 0            | 2256          | 12668 22-10-2018   |
| O                | FUR                       | FUGRO           | 21-6-2019   | 7,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9800     |      | 4            | 0             | 0 22-10-2018       |
| O                | FUR                       | FUGRO           | 21-6-2019   | 7,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3400     |      | 0            | 0             | 2195 22-10-2018    |
| O                | FUR                       | FUGRO           | 21-6-2019   | 8,0000         | C                 | EUR               | 3,1500 | 3,2000 | 3,1500 | 2           | 3,2000 | 3,1600     |      | 3            | 15            | 404 22-10-2018     |
| O                | FUR                       | FUGRO           | 21-6-2019   | 8,0000         | P                 | EUR               | 0,4900 | 0,4900 | 0,4900 | 1           | 0,4900 | 0,5200     |      | 1            | 1000          | 8319 22-10-2018    |
| O                | FUR                       | FUGRO           | 21-6-2019   | 9,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4200     |      | 2            | 0             | 322 22-10-2018     |
| O                | FUR                       | FUGRO           | 21-6-2019   | 9,0000         | P                 | EUR               | 0,8000 | 0,8000 | 0,8000 | 2           | 0,8000 | 0,7800     |      | 1            | 31            | 2717 22-10-2018    |
| O                | FUR                       | FUGRO           | 21-6-2019   | 9,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0900     |      | 2            | 0             | 47 22-10-2018      |
| O                | FUR                       | FUGRO           | 21-6-2019   | 9,5000         | P                 | EUR               | 0,9000 | 0,9500 | 0,9000 | 3           | 0,9500 | 0,9600     |      | 1            | 65            | 76 22-10-2018      |
| O                | FUR                       | FUGRO           | 21-6-2019   | 10,0000        | C                 | EUR               | 1,8000 | 1,8000 | 1,7500 | 4           | 1,7500 | 1,7700     |      | 2            | 54            | 2358 22-10-2018    |
| O                | FUR                       | FUGRO           | 21-6-2019   | 10,0000        | P                 | EUR               | 1,1000 | 1,1000 | 1,0500 | 4           | 1,1000 | 1,1300     |      | 1            | 522           | 5817 22-10-2018    |
| O                | FUR                       | FUGRO           | 21-6-2019   | 11,0000        | C                 | EUR               | 1,3000 | 1,3000 | 1,3000 | 3           | 1,3000 | 1,2400     |      | 1            | 82            | 400 22-10-2018     |
| O                | FUR                       | FUGRO           | 21-6-2019   | 11,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6100     |      | 2            | 0             | 360 22-10-2018     |
| O                | FUR                       | FUGRO           | 21-6-2019   | 12,0000        | C                 | EUR               | 0,9000 | 0,9200 | 0,8500 | 4           | 0,8500 | 0,8700     |      | 1            | 22            | 2430 22-10-2018    |
| O                | FUR                       | FUGRO           | 21-6-2019   | 12,0000        | P                 | EUR               | 2,1000 | 2,1000 | 2,1000 | 1           | 2,1000 | 2,2400     |      | 2            | 1             | 2706 22-10-2018    |
| O                | FUR                       | FUGRO           | 21-6-2019   | 13,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5900     |      | 1            | 0             | 352 22-10-2018     |
| O                | FUR                       | FUGRO           | 21-6-2019   | 13,0000        | P                 | EUR               | 2,9500 | 2,9500 | 2,9500 | 1           | 2,9500 | 2,9700     |      | 3            | 7             | 298 22-10-2018     |
| O                | FUR                       | FUGRO           | 21-6-2019   | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4100     |      | 0            | 0             | 1477 22-10-2018    |
| O                | FUR                       | FUGRO           | 21-6-2019   | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,7800     |      | 4            | 0             | 980 22-10-2018     |
| O                | FUR                       | FUGRO           | 21-6-2019   | 16,0000        | C                 | EUR               | 0,2000 | 0,2000 | 0,2000 | 1           | 0,2000 | 0,1900     |      | 0            | 1             | 1861 22-10-2018    |
| O                | FUR                       | FUGRO           | 21-6-2019   | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,5700     |      | 6            | 0             | 828 22-10-2018     |
| O                | FUR                       | FUGRO           | 21-6-2019   | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1000     |      | 0            | 0             | 56 22-10-2018      |
| O                | FUR                       | FUGRO           | 21-6-2019   | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,4800     |      | 7            | 0             | 5 22-10-2018       |
| O                | FUR                       | FUGRO           | 21-6-2019   | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     |      | 0            | 0             | 864 22-10-2018     |
| O                | FUR                       | FUGRO           | 21-6-2019   | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,4500     |      | 9            | 0             | 1269 22-10-2018    |
| O                | FUR                       | FUGRO           | 20-9-2019   | 7,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,1200     |      | 4            | 0             | 0 22-10-2018       |
| O                | FUR                       | FUGRO           | 20-9-2019   | 7,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4900     |      | 0            | 0             | 1 22-10-2018       |
| O                | FUR                       | FUGRO           | 20-9-2019   | 8,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3400     |      | 3            | 0             | 0 22-10-2018       |
| O                | FUR                       | FUGRO           | 20-9-2019   | 8,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7000     |      | 1            | 0             | 60 22-10-2018      |
| O                | FUR                       | FUGRO           | 20-9-2019   | 9,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6300     |      | 3            | 0             | 0 22-10-2018       |
| O                | FUR                       | FUGRO           | 20-9-2019   | 9,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0100     |      | 1            | 0             | 34 22-10-2018      |
| O                | FUR                       | FUGRO           | 20-9-2019   | 10,0000        | C                 | EUR               | 2,0500 | 2,0500 | 2,0500 | 3           | 2,0500 | 2,0300     |      | 2            | 46            | 150 22-10-2018     |
| O                | FUR                       | FUGRO           | 20-9-2019   | 10,0000        | P                 | EUR               | 1,4000 | 1,4000 | 1,4000 | 1           | 1,4000 | 1,4100     |      | 1            | 1             | 60 22-10-2018      |
| O                | FUR                       | FUGRO           | 20-9-2019   | 11,0000        | C                 | EUR               | 1,5500 | 1,5500 | 1,5500 | 1           | 1,5500 | 1,5200     |      | 2            | 20            | 169 22-10-2018     |
| O                | FUR                       | FUGRO           | 20-9-2019   | 11,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8900     |      | 2            | 0             | 71 22-10-2018      |
| O                | FUR                       | FUGRO           | 20-9-2019   | 12,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1100     |      | 1            | 0             | 2 22-10-2018       |
| O                | FUR                       | FUGRO           | 20-9-2019   | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4900     |      | 2            | 0             | 17 22-10-2018      |
| O                | FUR                       | FUGRO           | 20-9-2019   | 13,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8100     |      | 1            | 0             | 17 22-10-2018      |
| O                | FUR                       | FUGRO           | 20-9-2019   | 13,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1900     |      | 3            | 0             | 23 22-10-2018      |
| O                | FUR                       | FUGRO           | 20-9-2019   | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6000     |      | 1            | 0             | 18 22-10-2018      |
| O                | FUR                       | FUGRO           | 20-9-2019   | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9800     |      | 4            | 0             | 18 22-10-2018      |
| O                | FUR                       | FUGRO           | 20-9-2019   | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3400     |      | 0            | 0             | 52 22-10-2018      |
| O                | FUR                       | FUGRO           | 20-9-2019   | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,7300     |      | 6            | 0             | 0 22-10-2018       |
| O                | FUR                       | FUGRO           | 20-9-2019   | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2000     |      | 0            | 0             | 8 22-10-2018       |
| O                | FUR                       | FUGRO           | 20-9-2019   | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,6000     |      | 8            | 0             | 0 22-10-2018       |
| O                | FUR                       | FUGRO           | 20-12-2019  | 6,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,0800     |      | 5            | 0             | 162 22-10-2018     |
| O                | FUR                       | FUGRO           | 20-12-2019  | 6,0000         | P                 | EUR               | 0,4200 | 0,4200 | 0,4200 | 1           | 0,4200 | 0,4500     |      | 0            | 4             | 21220 22-10-2018   |
| O                | FUR                       | FUGRO           | 20-12-2019  | 8,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5100     |      | 4            | 0             | 166 22-10-2018     |
| O                | FUR                       | FUGRO           | 20-12-2019  | 8,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8800     |      | 1            | 0             | 7332 22-10-2018    |
| O                | FUR                       | FUGRO           | 20-12-2019  | 9,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8300     |      | 3            | 0             | 227 22-10-2018     |
| O                | FUR                       | FUGRO           | 20-12-2019  | 9,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2000     |      | 1            | 0             | 178 22-10-2018     |
| O                | FUR                       | FUGRO           | 20-12-2019  | 10,0000        | C                 | EUR               | 2,2500 | 2,2500 | 2,2500 | 2           | 2,2500 | 2,2500     |      | 2            | 6             | 824 22-10-2018     |
| O                | FUR                       | FUGRO           | 20-12-2019  | 10,0000        | P                 | EUR               | 1,5500 | 1,5500 | 1,5500 | 1           | 1,5500 | 1,6300     |      | 2            | 1             | 4130 22-10-2018    |
| O                | FUR                       | FUGRO           | 20-12-2019  | 12,0000        | C                 | EUR               | 1,3500 | 1,3500 | 1,3500 | 1           | 1,3500 | 1,4000     |      | 1            | 6             | 1267 22-10-2018    |
| O                | FUR                       | FUGRO           | 20-12-2019  | 12,0000        | P                 | EUR               | 2,7000 | 2,7000 | 2,7000 | 1           | 2,7000 | 2,7900     |      | 3            | 1             | 1137 22-10-2018    |
| O                | FUR                       | FUGRO           | 20-12-2019  | 14,0000        | C                 | EUR               | 0,8500 | 0,8500 | 0,8000 | 5           | 0,8500 | 0,8400     |      | 1            | 81            | 2006 22-10-2018    |
| O                | FUR                       | FUGRO           | 20-12-2019  | 14,0000        | P                 | EUR               | 4,1000 | 4,1000 | 4,1000 | 1           | 4,1000 | 4,2400     |      | 4            | 1             | 941 22-10-2018     |
| O                | FUR                       | FUGRO           | 20-12-2019  | 16,0000        | C                 | EUR               | 0,5000 | 0,5000 | 0,5000 | 1           | 0,5000 | 0,5000     |      | 1            | 4             | 1374 22-10-2018    |
| O                | FUR                       | FUGRO           | 20-12-2019  | 16,0000        | P                 | EUR               | 5,7500 | 5,7500 | 5,7500 | 1           | 5,7500 | 5,8900     |      | 6            | 1             | 747 22-10-2018     |
| O                | FUR                       | FUGRO           | 20-12-2019  | 18,0000        | C                 | EUR               | 0,3200 | 0,3200 | 0,3200 | 1           | 0,3200 | 0,3100     |      | 0            | 6             | 2954 22-10-2018    |
| O                | FUR                       | FUGRO           | 20-12-2019  | 18,0000        | P                 | EUR               | 7,5500 | 7,5500 | 7,5500 | 1           | 7,5500 | 7,7100     |      | 8            | 6             | 408 22-10-2018     |
| O                | FUR                       | FUGRO           | 20-12-2019  | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2000     |      | 0            | 0             | 1101 22-10-2018    |
| O                | FUR                       | FUGRO           | 20-12-2019  | 20,0000        | P                 | EUR               | 9,5500 | 9,5500 | 9,5500 | 1           | 9,5500 | 9,6100     |      | 10           | 50            | 1282 22-10-2018    |
| O                | FUR                       | FUGRO           | 19-6-2020   | 6,0000         | C                 | EUR               | 5,4500 | 5,4500 | 5,4500 | 2           | 5,4500 | 5,2600     |      | 5            | 2             | 12 22-10-2018      |
| O                | FUR                       | FUGRO           | 19-6-2020   | 6,0000         | P                 | EUR               | 0,6000 | 0,6500 | 0,6000 | 2           | 0,6500 | 0,6300     |      | 1            | 6500          | 13717 22-10-2018   |
| O                | FUR                       | FUGRO           | 19-6-2020   | 8,0000         | C                 | EUR               | 3,9500 | 3,9500 | 3,9500 | 1           | 3,9500 | 3,7800     |      | 4            | 1             | 174 22-10-2018     |
| O                | FUR                       | FUGRO           | 19-6-2020   | 8,0000         | P                 | EUR               | 1,1500 | 1,2000 | 1,1500 | 2           | 1,2000 | 1,1500     |      | 1            | 4001          | 7729 22-10-2018    |
| O                | FUR                       | FUGRO           | 19-6-2020   | 9,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1500     |      | 3            | 0             | 55 22-10-2018      |
| O                | FUR                       | FUGRO           | 19-6-2020   | 9,0000         | P                 | EUR               | 1,5500 | 1,5500 | 1,5500 | 1           | 1,5500 | 1,5300     |      | 2            | 2             | 1572 22-10-2018    |
| O                | FUR                       | FUGRO           | 19-6-2020   | 10,0000        | C                 | EUR               | 2,7000 | 2,7000 | 2,5500 | 5           | 2,5500 | 2,5700     |      | 3            | 7             | 201 22-10-2018     |
| O                | FUR                       | FUGRO           | 19-6-2020   | 10,0000        | P                 | EUR               | 1,9000 | 2,0000 | 1,9000 | 9           | 1,9000 | 1,9600     |      | 2            | 161           | 529 22-10-2018     |
| O                | FUR                       | FUGRO           | 19-6-2020   | 12,0000        | C                 | EUR               | 1,7500 | 1,7500 | 1,7500 | 2           | 1,7500 | 1,7200     |      | 2            | 8             | 648 22-10-2018     |
| O                | FUR                       | FUGRO           | 19-6-2020   | 12,0000        | P                 |                   |        |        |        |             |        |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name                                  | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|--|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| F                | FV6                       | Ferrovial SA - Stock Future                      | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,5532    |      | 18           | 0             | 22-10-2018         |
| F                | FV6                       | Ferrovial SA - Stock Future                      | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,5464    |      | 18           | 0             | 22-10-2018         |
| F                | FV6                       | Ferrovial SA - Stock Future                      | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,5410    |      | 18           | 0             | 22-10-2018         |
| F                | FV6                       | Ferrovial SA - Stock Future                      | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,5351    |      | 18           | 0             | 22-10-2018         |
| F                | FV6                       | Ferrovial SA - Stock Future                      | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,2047    |      | 17           | 0             | 22-10-2018         |
| F                | FV6                       | Ferrovial SA - Stock Future                      | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,1905    |      | 17           | 0             | 22-10-2018         |
| F                | FV8                       | Ferrovial - Dividend Future                      | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7155     |      | 1            | 0             | 22-10-2018         |
| F                | FV8                       | Ferrovial - Dividend Future                      | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8120     |      | 1            | 0             | 22-10-2018         |
| F                | FV8                       | Ferrovial - Dividend Future                      | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8465     |      | 1            | 0             | 22-10-2018         |
| F                | FV8                       | Ferrovial - Dividend Future                      | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8800     |      | 1            | 0             | 22-10-2018         |
| F                | FV8                       | Ferrovial - Dividend Future                      | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8800     |      | 1            | 0             | 22-10-2018         |
| F                | FK6                       | Compagnie Financiere Richemont - Stock Future    | 16-11-2018  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 70,4975    |      | 70           | 0             | 22-10-2018         |
| F                | FK6                       | Compagnie Financiere Richemont - Stock Future    | 21-12-2018  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 70,4624    |      | 70           | 0             | 22-10-2018         |
| F                | FK6                       | Compagnie Financiere Richemont - Stock Future    | 18-1-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 70,4304    |      | 70           | 0             | 22-10-2018         |
| F                | FK6                       | Compagnie Financiere Richemont - Stock Future    | 15-3-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 70,3768    |      | 70           | 0             | 22-10-2018         |
| F                | FK6                       | Compagnie Financiere Richemont - Stock Future    | 21-6-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 70,2786    |      | 70           | 0             | 22-10-2018         |
| F                | FK6                       | Compagnie Financiere Richemont - Stock Future    | 20-9-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 70,1856    |      | 70           | 0             | 22-10-2018         |
| F                | FX8                       | Compagnie Financiere Richemont - Dividend Future | 21-12-2018  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9000     |      | 2            | 0             | 22-10-2018         |
| F                | FX8                       | Compagnie Financiere Richemont - Dividend Future | 20-12-2019  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9900     |      | 2            | 0             | 22-10-2018         |
| F                | FX8                       | Compagnie Financiere Richemont - Dividend Future | 18-12-2020  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0900     |      | 2            | 0             | 22-10-2018         |
| F                | FX8                       | Compagnie Financiere Richemont - Dividend Future | 17-12-2021  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1900     |      | 2            | 0             | 22-10-2018         |
| F                | FX8                       | Compagnie Financiere Richemont - Dividend Future | 16-12-2022  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1900     |      | 2            | 0             | 22-10-2018         |
| F                | FZ6                       | Flughafen Zurich - Stock Future                  | 16-11-2018  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 195,6374   |      | 196          | 0             | 22-10-2018         |
| F                | FZ6                       | Flughafen Zurich - Stock Future                  | 21-12-2018  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 195,5400   |      | 196          | 0             | 22-10-2018         |
| F                | FZ6                       | Flughafen Zurich - Stock Future                  | 18-1-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 195,4513   |      | 195          | 0             | 22-10-2018         |
| F                | FZ6                       | Flughafen Zurich - Stock Future                  | 15-3-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 195,3026   |      | 195          | 0             | 22-10-2018         |
| F                | FZ6                       | Flughafen Zurich - Stock Future                  | 21-6-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 191,6327   |      | 192          | 0             | 22-10-2018         |
| F                | FZ6                       | Flughafen Zurich - Stock Future                  | 20-9-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 191,3790   |      | 191          | 0             | 22-10-2018         |
| F                | GD6                       | GN Store Nord - Stock Future                     | 16-11-2018  | 0,0000         |                   | DKK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 281,3161   |      | 281          | 0             | 22-10-2018         |
| F                | GD6                       | GN Store Nord - Stock Future                     | 21-12-2018  | 0,0000         |                   | DKK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 281,2165   |      | 281          | 0             | 22-10-2018         |
| F                | GD6                       | GN Store Nord - Stock Future                     | 18-1-2019   | 0,0000         |                   | DKK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 281,1643   |      | 281          | 0             | 22-10-2018         |
| F                | GD6                       | GN Store Nord - Stock Future                     | 15-3-2019   | 0,0000         |                   | DKK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 279,6039   |      | 280          | 0             | 22-10-2018         |
| F                | GD6                       | GN Store Nord - Stock Future                     | 21-6-2019   | 0,0000         |                   | DKK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 279,4375   |      | 279          | 0             | 22-10-2018         |
| F                | GD6                       | GN Store Nord - Stock Future                     | 20-9-2019   | 0,0000         |                   | DKK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 279,3513   |      | 279          | 0             | 22-10-2018         |
| F                | GF6                       | G4S - Stock Future                               | 16-11-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 213,8900   |      | 214          | 0             | 22-10-2018         |
| F                | GF6                       | G4S - Stock Future                               | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 214,0200   |      | 214          | 0             | 22-10-2018         |
| F                | GF6                       | G4S - Stock Future                               | 18-1-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 214,1300   |      | 214          | 0             | 22-10-2018         |
| F                | GF6                       | G4S - Stock Future                               | 15-3-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 214,3800   |      | 214          | 0             | 22-10-2018         |
| F                | GF6                       | G4S - Stock Future                               | 21-6-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 208,5400   |      | 209          | 0             | 22-10-2018         |
| F                | GF6                       | G4S - Stock Future                               | 20-9-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 204,9100   |      | 205          | 0             | 22-10-2018         |
| F                | GH6                       | Gerresheimer AG - Stock Future                   | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 61,8331    |      | 62           | 0             | 22-10-2018         |
| F                | GH6                       | Gerresheimer AG - Stock Future                   | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 61,8093    |      | 62           | 0             | 22-10-2018         |
| F                | GH6                       | Gerresheimer AG - Stock Future                   | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 61,7904    |      | 62           | 0             | 22-10-2018         |
| F                | GH6                       | Gerresheimer AG - Stock Future                   | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 61,7695    |      | 62           | 0             | 22-10-2018         |
| F                | GH6                       | Gerresheimer AG - Stock Future                   | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 60,5154    |      | 61           | 0             | 22-10-2018         |
| F                | GH6                       | Gerresheimer AG - Stock Future                   | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 60,4657    |      | 60           | 0             | 22-10-2018         |
| F                | GI6                       | Assicurazioni Generali SpA - Stock Future        | 15-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,0013    |      | 14           | 0             | 22-10-2018         |
| F                | GI6                       | Assicurazioni Generali SpA - Stock Future        | 20-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,9959    |      | 14           | 0             | 22-10-2018         |
| F                | GI6                       | Assicurazioni Generali SpA - Stock Future        | 17-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,9917    |      | 14           | 0             | 22-10-2018         |
| F                | GI6                       | Assicurazioni Generali SpA - Stock Future        | 14-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,9869    |      | 14           | 0             | 22-10-2018         |
| F                | GI6                       | Assicurazioni Generali SpA - Stock Future        | 20-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,0748    |      | 13           | 0             | 22-10-2018         |
| F                | GI6                       | Assicurazioni Generali SpA - Stock Future        | 19-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,0640    |      | 13           | 0             | 22-10-2018         |
| F                | GI8                       | Assicurazioni Generali - Dividend Future         | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8500     |      | 1            | 150           | 22-10-2018         |
| F                | GI8                       | Assicurazioni Generali - Dividend Future         | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8800     |      | 1            | 0             | 22-10-2018         |
| F                | GI8                       | Assicurazioni Generali - Dividend Future         | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9000     |      | 1            | 0             | 22-10-2018         |
| F                | GI8                       | Assicurazioni Generali - Dividend Future         | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9000     |      | 1            | 0             | 22-10-2018         |
| F                | GI8                       | Assicurazioni Generali - Dividend Future         | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9000     |      | 1            | 0             | 22-10-2018         |
| F                | GM8                       | Gemalto - Dividend Future                        | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5500     |      | 1            | 10            | 22-10-2018         |
| F                | GM8                       | Gemalto - Dividend Future                        | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6100     |      | 1            | 0             | 22-10-2018         |
| F                | GM8                       | Gemalto - Dividend Future                        | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6500     |      | 1            | 0             | 22-10-2018         |
| F                | GM8                       | Gemalto - Dividend Future                        | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6500     |      | 1            | 0             | 22-10-2018         |
| O                | GMT                       | Gemalto N.V. - Standard Option                   | 16-11-2018  | 44,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,4700     |      | 6            | 0             | 22-10-2018         |
| O                | GMT                       | Gemalto N.V. - Standard Option                   | 16-11-2018  | 44,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 22-10-2018         |
| O                | GMT                       | Gemalto N.V. - Standard Option                   | 16-11-2018  | 45,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,4700     |      | 5            | 0             | 22-10-2018         |
| O                | GMT                       | Gemalto N.V. - Standard Option                   | 16-11-2018  | 45,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 20            | 22-10-2018         |
| O                | GMT                       | Gemalto N.V. - Standard Option                   | 16-11-2018  | 46,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,4400     |      | 4            | 1             | 22-10-2018         |
| O                | GMT                       | Gemalto N.V. - Standard Option                   | 16-11-2018  | 46,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 25            | 22-10-2018         |
| O                | GMT                       | Gemalto N.V. - Standard Option                   | 16-11-2018  | 48,0000        | C                 | EUR               | 2,3800 | 2,3800 | 2,3800 | 1           | 2,3800 | 2,4400     |      | 2            | 3             | 5 22-10-2018       |
| O                | GMT                       | Gemalto N.V. - Standard Option                   | 16-11-2018  | 48,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 5             | 22-10-2018         |
| O                | GMT                       | Gemalto N.V. - Standard Option                   | 16-11-2018  | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5200     |      | 1            | 0             | 32 22-10-2018      |
| O                | GMT                       | Gemalto N.V. - Standard Option                   | 16-11-2018  | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1400     |      | 0            | 32            | 22-10-2018         |
| O                | GMT                       | Gemalto N.V. - Standard Option                   | 16-11-2018  | 55,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 2             | 22-10-2018         |
| O                | GMT                       | Gemalto N.V. - Standard Option                   | 16-11-2018  | 55,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,5800     |      | 5            | 88            | 22-10-2018         |
| O                | GMT                       | Gemalto N.V. - Standard Option                   | 16-11-2018  | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 22-10-2018         |
| O                | GMT                       | Gemalto N.V. - Standard Option                   | 16-11-2018  | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,5800     |      | 10           | 0             | 19 22-10-2018      |
| F                | GN6                       | Naturgy Energy Group SA - Stock Future           | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,9489    |      | 22           | 0             | 22-10-2018         |
| F                | GN6                       | Naturgy Energy Group SA - Stock Future           | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,000  |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name                          | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |            |
|------------------|---------------------------|--|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|------------|
| F                | GN8                       | Naturgy Energy Group SA- Dividend Future | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1000     |      | 1            | 0             | 22-10-2018         |            |
| F                | GO6                       | GlaxoSmithKline - Stock Future           | 16-11-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1521,4400  |      | 1521         | 0             | 22-10-2018         |            |
| F                | GO6                       | GlaxoSmithKline - Stock Future           | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1522,3900  |      | 1522         | 0             | 22-10-2018         |            |
| F                | GO6                       | GlaxoSmithKline - Stock Future           | 18-1-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1523,1900  |      | 1523         | 0             | 22-10-2018         |            |
| F                | GO6                       | GlaxoSmithKline - Stock Future           | 15-3-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1501,9000  |      | 1502         | 0             | 22-10-2018         |            |
| F                | GO6                       | GlaxoSmithKline - Stock Future           | 21-6-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1486,1800  |      | 1486         | 0             | 22-10-2018         |            |
| F                | GO6                       | GlaxoSmithKline - Stock Future           | 20-9-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1470,4900  |      | 1470         | 0             | 22-10-2018         |            |
| F                | GO8                       | GlaxoSmithKline - Dividend Future        | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 80,0000    |      | 80           | 0             | 22-10-2018         |            |
| F                | GO8                       | GlaxoSmithKline - Dividend Future        | 20-12-2019  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 80,0000    |      | 80           | 0             | 22-10-2018         |            |
| F                | GO8                       | GlaxoSmithKline - Dividend Future        | 18-12-2020  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 80,0000    |      | 80           | 0             | 22-10-2018         |            |
| F                | GO8                       | GlaxoSmithKline - Dividend Future        | 17-12-2021  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 80,0000    |      | 80           | 0             | 22-10-2018         |            |
| F                | GO8                       | GlaxoSmithKline - Dividend Future        | 16-12-2022  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 80,0000    |      | 80           | 0             | 22-10-2018         |            |
| F                | GO8                       | Geberit - Dividend Future                | 21-12-2018  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,4000    |      | 10           | 0             | 22-10-2018         |            |
| F                | GO8                       | Geberit - Dividend Future                | 20-12-2019  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,0000    |      | 11           | 0             | 22-10-2018         |            |
| F                | GO8                       | Geberit - Dividend Future                | 18-12-2020  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,5000    |      | 12           | 0             | 22-10-2018         |            |
| F                | GO8                       | Geberit - Dividend Future                | 17-12-2021  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,0000    |      | 12           | 0             | 22-10-2018         |            |
| F                | GO8                       | Geberit - Dividend Future                | 16-12-2022  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,0000    |      | 12           | 0             | 22-10-2018         |            |
| F                | GR6                       | GEA Group AG - Stock Future              | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 26,2828    |      | 26           | 0             | 22-10-2018         |            |
| F                | GR6                       | GEA Group AG - Stock Future              | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 26,2727    |      | 26           | 0             | 22-10-2018         |            |
| F                | GR6                       | GEA Group AG - Stock Future              | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 26,2647    |      | 26           | 0             | 22-10-2018         |            |
| F                | GR6                       | GEA Group AG - Stock Future              | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 26,2558    |      | 26           | 0             | 22-10-2018         |            |
| F                | GR6                       | GEA Group AG - Stock Future              | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 25,3330    |      | 25           | 0             | 22-10-2018         |            |
| F                | GR6                       | GEA Group AG - Stock Future              | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 25,3122    |      | 25           | 0             | 22-10-2018         |            |
| F                | GT6                       | Getinge B - Stock Future                 | 16-11-2018  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 85,4967    |      | 85           | 0             | 22-10-2018         |            |
| F                | GT6                       | Getinge B - Stock Future                 | 21-12-2018  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 85,4672    |      | 85           | 0             | 22-10-2018         |            |
| F                | GT6                       | Getinge B - Stock Future                 | 18-1-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 85,4461    |      | 85           | 0             | 22-10-2018         |            |
| F                | GT6                       | Getinge B - Stock Future                 | 15-3-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 85,4018    |      | 85           | 0             | 22-10-2018         |            |
| F                | GT6                       | Getinge B - Stock Future                 | 21-6-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 83,7376    |      | 84           | 0             | 22-10-2018         |            |
| F                | GT6                       | Getinge B - Stock Future                 | 20-9-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 83,7015    |      | 84           | 0             | 22-10-2018         |            |
| F                | GV6                       | Givaudan - Stock Future                  | 16-11-2018  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2321,2578  |      | 2321         | 0             | 22-10-2018         |            |
| F                | GV6                       | Givaudan - Stock Future                  | 21-12-2018  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2320,1021  |      | 2320         | 0             | 22-10-2018         |            |
| F                | GV6                       | Givaudan - Stock Future                  | 18-1-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2319,0491  |      | 2319         | 0             | 22-10-2018         |            |
| F                | GV6                       | Givaudan - Stock Future                  | 15-3-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2317,2851  |      | 2317         | 0             | 22-10-2018         |            |
| F                | GV6                       | Givaudan - Stock Future                  | 21-6-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2254,1216  |      | 2254         | 0             | 22-10-2018         |            |
| F                | GV6                       | Givaudan - Stock Future                  | 20-9-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2251,1367  |      | 2251         | 0             | 22-10-2018         |            |
| F                | GV8                       | Givaudan - Dividend Future               | 21-12-2018  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 58,0000    |      | 58           | 0             | 22-10-2018         |            |
| F                | GV8                       | Givaudan - Dividend Future               | 20-12-2019  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 60,0000    |      | 60           | 0             | 22-10-2018         |            |
| F                | GV8                       | Givaudan - Dividend Future               | 18-12-2020  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 62,0000    |      | 62           | 0             | 22-10-2018         |            |
| F                | GV8                       | Givaudan - Dividend Future               | 17-12-2021  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 64,0000    |      | 64           | 0             | 22-10-2018         |            |
| F                | GV8                       | Givaudan - Dividend Future               | 16-12-2022  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 66,0000    |      | 66           | 0             | 22-10-2018         |            |
| O                | GVN                       | Grandvision - Spotlight Option           | 16-11-2018  | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,6600     |      | 5            | 0             | 22-10-2018         |            |
| O                | GVN                       | Grandvision - Spotlight Option           | 16-11-2018  | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 22-10-2018         |            |
| O                | GVN                       | Grandvision - Spotlight Option           | 16-11-2018  | 17,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,6800     |      | 4            | 122           | 22-10-2018         |            |
| O                | GVN                       | Grandvision - Spotlight Option           | 16-11-2018  | 17,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     |      | 0            | 0             | 22-10-2018         |            |
| O                | GVN                       | Grandvision - Spotlight Option           | 16-11-2018  | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7400     |      | 3            | 100           | 22-10-2018         |            |
| O                | GVN                       | Grandvision - Spotlight Option           | 16-11-2018  | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     |      | 0            | 4             | 22-10-2018         |            |
| O                | GVN                       | Grandvision - Spotlight Option           | 16-11-2018  | 19,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8300     |      | 2            | 3             | 22-10-2018         |            |
| O                | GVN                       | Grandvision - Spotlight Option           | 16-11-2018  | 19,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1700     |      | 0            | 22            | 22-10-2018         |            |
| O                | GVN                       | Grandvision - Spotlight Option           | 16-11-2018  | 19,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4200     |      | 1            | 0             | 22-10-2018         |            |
| O                | GVN                       | Grandvision - Spotlight Option           | 16-11-2018  | 19,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2600     |      | 0            | 113           | 22-10-2018         |            |
| O                | GVN                       | Grandvision - Spotlight Option           | 16-11-2018  | 20,0000        | C                 | EUR               | 1,0000 | 1,0000 | 1,0000 | 1           | 1,0000 | 1,0300     |      | 1            | 104           | 22-10-2018         |            |
| O                | GVN                       | Grandvision - Spotlight Option           | 16-11-2018  | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3800     |      | 0            | 251           | 22-10-2018         |            |
| O                | GVN                       | Grandvision - Spotlight Option           | 16-11-2018  | 20,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7200     |      | 1            | 151           | 22-10-2018         |            |
| O                | GVN                       | Grandvision - Spotlight Option           | 16-11-2018  | 20,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5700     |      | 1            | 0             | 149                | 22-10-2018 |
| O                | GVN                       | Grandvision - Spotlight Option           | 16-11-2018  | 21,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4900     |      | 0            | 395           | 22-10-2018         |            |
| O                | GVN                       | Grandvision - Spotlight Option           | 16-11-2018  | 21,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8400     |      | 1            | 0             | 203                | 22-10-2018 |
| O                | GVN                       | Grandvision - Spotlight Option           | 16-11-2018  | 21,5000        | C                 | EUR               | 0,2300 | 0,2300 | 0,2300 | 1           | 0,2300 | 0,2800     |      | 0            | 46            | 244                | 22-10-2018 |
| O                | GVN                       | Grandvision - Spotlight Option           | 16-11-2018  | 21,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1300     |      | 1            | 0             | 66                 | 22-10-2018 |
| O                | GVN                       | Grandvision - Spotlight Option           | 16-11-2018  | 22,0000        | C                 | EUR               | 0,1400 | 0,1500 | 0,1400 | 2           | 0,1500 | 0,1500     |      | 0            | 2             | 117                | 22-10-2018 |
| O                | GVN                       | Grandvision - Spotlight Option           | 16-11-2018  | 22,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5000     |      | 2            | 0             | 31                 | 22-10-2018 |
| O                | GVN                       | Grandvision - Spotlight Option           | 16-11-2018  | 23,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 0             | 6                  | 22-10-2018 |
| O                | GVN                       | Grandvision - Spotlight Option           | 16-11-2018  | 23,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3700     |      | 2            | 0             | 0                  | 22-10-2018 |
| O                | GVN                       | Grandvision - Spotlight Option           | 16-11-2018  | 24,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 2             | 22-10-2018         |            |
| O                | GVN                       | Grandvision - Spotlight Option           | 16-11-2018  | 24,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3500     |      | 3            | 0             | 0                  | 22-10-2018 |
| O                | GVN                       | Grandvision - Spotlight Option           | 16-11-2018  | 25,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | GVN                       | Grandvision - Spotlight Option           | 16-11-2018  | 25,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,3500     |      | 4            | 0             | 1                  | 22-10-2018 |
| O                | GVN                       | Grandvision - Spotlight Option           | 21-12-2018  | 17,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,6800     |      | 4            | 0             | 0                  | 22-10-2018 |
| O                | GVN                       | Grandvision - Spotlight Option           | 21-12-2018  | 17,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | GVN                       | Grandvision - Spotlight Option           | 21-12-2018  | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7400     |      | 3            | 0             | 0                  | 22-10-2018 |
| O                | GVN                       | Grandvision - Spotlight Option           | 21-12-2018  | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     |      | 0            | 1             | 0                  | 22-10-2018 |
| O                | GVN                       | Grandvision - Spotlight Option           | 21-12-2018  | 19,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9300     |      | 2            | 0             | 0                  | 22-10-2018 |
| O                | GVN                       | Grandvision - Spotlight Option           | 21-12-2018  | 19,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2800     |      | 0            | 21            | 0                  | 22-10-2018 |
| O                | GVN                       | Grandvision - Spotlight Option           | 21-12-2018  | 19,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5500     |      | 2            | 0             | 20                 | 22-10-2018 |
| O                | GVN                       | Grandvision - Spotlight Option           | 21-12-2018  | 19,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4000     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | GVN                       | Grandvision - Spotlight Option           | 21-12-2018  | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2200     |      | 1            | 0             | 5                  | 22-10-2018 |
| O                | GVN                       | Grandvision - Spotlight Option           | 21-12-2018  | 20,0000        | P                 | EUR               | 0,5500 | 0,5500 | 0,5500 | 1           | 0,5500 | 0,5700     |      | 1            | 12            | 22-10-2018         |            |
| O                | GVN                       | Grandvision - Spotlight Option           | 21-         |                |                   |                   |        |        |        |             |        |            |      |              |               |                    |            |



| Instrument Type* | Instrument Trading Symbol | Instrument Name                    | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|------------------------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | GVN                       | Grandvision - Spotlight Option     | 21-12-2018  | 23,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4600     |      | 2            | 0             | 22-10-2018         |
| O                | GVN                       | Grandvision - Spotlight Option     | 21-12-2018  | 24,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     |      | 0            | 0             | 22-10-2018         |
| O                | GVN                       | Grandvision - Spotlight Option     | 21-12-2018  | 24,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4300     |      | 3            | 0             | 22-10-2018         |
| O                | GVN                       | Grandvision - Spotlight Option     | 21-12-2018  | 25,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     |      | 0            | 0             | 22-10-2018         |
| O                | GVN                       | Grandvision - Spotlight Option     | 21-12-2018  | 25,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,3800     |      | 4            | 0             | 22-10-2018         |
| O                | GVN                       | Grandvision - Spotlight Option     | 18-1-2019   | 17,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,7100     |      | 4            | 0             | 22-10-2018         |
| O                | GVN                       | Grandvision - Spotlight Option     | 18-1-2019   | 17,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     |      | 0            | 0             | 22-10-2018         |
| O                | GVN                       | Grandvision - Spotlight Option     | 18-1-2019   | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8100     |      | 3            | 0             | 22-10-2018         |
| O                | GVN                       | Grandvision - Spotlight Option     | 18-1-2019   | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1600     |      | 0            | 0             | 22-10-2018         |
| O                | GVN                       | Grandvision - Spotlight Option     | 18-1-2019   | 19,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0200     |      | 2            | 0             | 22-10-2018         |
| O                | GVN                       | Grandvision - Spotlight Option     | 18-1-2019   | 19,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3800     |      | 0            | 0             | 22-10-2018         |
| O                | GVN                       | Grandvision - Spotlight Option     | 18-1-2019   | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2900     |      | 1            | 0             | 22-10-2018         |
| O                | GVN                       | Grandvision - Spotlight Option     | 18-1-2019   | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6500     |      | 1            | 0             | 22-10-2018         |
| O                | GVN                       | Grandvision - Spotlight Option     | 18-1-2019   | 20,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0200     |      | 1            | 0             | 22-10-2018         |
| O                | GVN                       | Grandvision - Spotlight Option     | 18-1-2019   | 20,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8700     |      | 1            | 0             | 22-10-2018         |
| O                | GVN                       | Grandvision - Spotlight Option     | 18-1-2019   | 21,0000        | C                 | EUR               | 0,7500 | 0,7500 | 0,7500 | 1           | 0,7500 | 0,8200     |      | 1            | 1             | 22-10-2018         |
| O                | GVN                       | Grandvision - Spotlight Option     | 18-1-2019   | 21,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1800     |      | 1            | 0             | 22-10-2018         |
| O                | GVN                       | Grandvision - Spotlight Option     | 18-1-2019   | 22,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3900     |      | 0            | 0             | 22-10-2018         |
| O                | GVN                       | Grandvision - Spotlight Option     | 18-1-2019   | 22,0000        | P                 | EUR               | 1,7800 | 1,7800 | 1,7800 | 1           | 1,7800 | 1,7600     |      | 2            | 2             | 22-10-2018         |
| O                | GVN                       | Grandvision - Spotlight Option     | 18-1-2019   | 23,0000        | C                 | EUR               | 0,1500 | 0,1500 | 0,1500 | 1           | 0,1500 | 0,1800     |      | 0            | 1             | 22-10-2018         |
| O                | GVN                       | Grandvision - Spotlight Option     | 18-1-2019   | 23,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5400     |      | 3            | 0             | 22-10-2018         |
| O                | GVN                       | Grandvision - Spotlight Option     | 18-1-2019   | 24,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     |      | 0            | 0             | 22-10-2018         |
| O                | GVN                       | Grandvision - Spotlight Option     | 18-1-2019   | 24,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4400     |      | 3            | 0             | 22-10-2018         |
| F                | GX6                       | Glencore - Stock Future            | 16-11-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 310,7800   |      | 311          | 0             | 22-10-2018         |
| F                | GX6                       | Glencore - Stock Future            | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 310,9700   |      | 311          | 0             | 22-10-2018         |
| F                | GX6                       | Glencore - Stock Future            | 18-1-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 311,1400   |      | 311          | 0             | 22-10-2018         |
| F                | GX6                       | Glencore - Stock Future            | 15-3-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 311,4900   |      | 311          | 0             | 22-10-2018         |
| F                | GX6                       | Glencore - Stock Future            | 21-6-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 303,1500   |      | 303          | 0             | 22-10-2018         |
| F                | GX6                       | Glencore - Stock Future            | 20-9-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 294,3100   |      | 294          | 0             | 22-10-2018         |
| F                | GX8                       | Glencore - Dividend Future         | 21-12-2018  | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2000     |      | 0            | 0             | 22-10-2018         |
| F                | GX8                       | Glencore - Dividend Future         | 20-12-2019  | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1500     |      | 0            | 0             | 22-10-2018         |
| F                | GX8                       | Glencore - Dividend Future         | 18-12-2020  | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1900     |      | 0            | 0             | 22-10-2018         |
| F                | GX8                       | Glencore - Dividend Future         | 17-12-2021  | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1900     |      | 0            | 0             | 22-10-2018         |
| F                | GX8                       | Glencore - Dividend Future         | 16-12-2022  | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1900     |      | 0            | 0             | 22-10-2018         |
| F                | HB6                       | Hugo Boss AG - Stock Future        | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 60,3035    |      | 60           | 0             | 22-10-2018         |
| F                | HB6                       | Hugo Boss AG - Stock Future        | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 60,2804    |      | 60           | 0             | 22-10-2018         |
| F                | HB6                       | Hugo Boss AG - Stock Future        | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 60,2619    |      | 60           | 0             | 22-10-2018         |
| F                | HB6                       | Hugo Boss AG - Stock Future        | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 60,2415    |      | 60           | 0             | 22-10-2018         |
| F                | HB6                       | Hugo Boss AG - Stock Future        | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 57,4391    |      | 57           | 0             | 22-10-2018         |
| F                | HB6                       | Hugo Boss AG - Stock Future        | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 57,3918    |      | 57           | 0             | 22-10-2018         |
| F                | HC6                       | HeidelbergCement AG - Stock Future | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 56,5445    |      | 57           | 0             | 22-10-2018         |
| F                | HC6                       | HeidelbergCement AG - Stock Future | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 56,5228    |      | 57           | 0             | 22-10-2018         |
| F                | HC6                       | HeidelbergCement AG - Stock Future | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 56,5055    |      | 57           | 0             | 22-10-2018         |
| F                | HC6                       | HeidelbergCement AG - Stock Future | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 56,4864    |      | 56           | 0             | 22-10-2018         |
| F                | HC6                       | HeidelbergCement AG - Stock Future | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 54,1373    |      | 54           | 0             | 22-10-2018         |
| F                | HC6                       | HeidelbergCement AG - Stock Future | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 54,0928    |      | 54           | 0             | 22-10-2018         |
| F                | HE6                       | Heineken NV - Stock Future         | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 79,5782    |      | 80           | 0             | 22-10-2018         |
| F                | HE6                       | Heineken NV - Stock Future         | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 79,5477    |      | 80           | 0             | 22-10-2018         |
| F                | HE6                       | Heineken NV - Stock Future         | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 79,5233    |      | 80           | 0             | 22-10-2018         |
| F                | HE6                       | Heineken NV - Stock Future         | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 79,4964    |      | 79           | 0             | 22-10-2018         |
| F                | HE6                       | Heineken NV - Stock Future         | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 78,7064    |      | 79           | 0             | 22-10-2018         |
| F                | HE6                       | Heineken NV - Stock Future         | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 78,1919    |      | 78           | 0             | 22-10-2018         |
| F                | HE8                       | Heineken - Dividend Future         | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5200     |      | 2            | 0             | 22-10-2018         |
| F                | HE8                       | Heineken - Dividend Future         | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4700     |      | 1            | 0             | 22-10-2018         |
| F                | HE8                       | Heineken - Dividend Future         | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5900     |      | 2            | 0             | 22-10-2018         |
| F                | HE8                       | Heineken - Dividend Future         | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9000     |      | 2            | 0             | 22-10-2018         |
| F                | HE8                       | Heineken - Dividend Future         | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9000     |      | 2            | 0             | 22-10-2018         |
| O                | HEI                       | HEINEKEN                           | 16-11-2018  | 64,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,6700    |      | 16           | 0             | 22-10-2018         |
| O                | HEI                       | HEINEKEN                           | 16-11-2018  | 64,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     |      | 0            | 121           | 22-10-2018         |
| O                | HEI                       | HEINEKEN                           | 16-11-2018  | 68,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,7300    |      | 12           | 0             | 22-10-2018         |
| O                | HEI                       | HEINEKEN                           | 16-11-2018  | 68,0000        | P                 | EUR               | 0,1000 | 0,1100 | 0,1000 | 2           | 0,1100 | 0,1200     |      | 0            | 6             | 22-10-2018         |
| O                | HEI                       | HEINEKEN                           | 16-11-2018  | 72,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,8600     |      | 8            | 0             | 22-10-2018         |
| O                | HEI                       | HEINEKEN                           | 16-11-2018  | 72,0000        | P                 | EUR               | 0,2500 | 0,2600 | 0,2500 | 3           | 0,2600 | 0,2800     |      | 0            | 9             | 22-10-2018         |
| O                | HEI                       | HEINEKEN                           | 16-11-2018  | 74,0000        | C                 | EUR               | 6,1500 | 6,1500 | 6,1500 | 1           | 6,1500 | 6,0100     |      | 6            | 2             | 22-10-2018         |
| O                | HEI                       | HEINEKEN                           | 16-11-2018  | 74,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4400     |      | 0            | 0             | 22-10-2018         |
| O                | HEI                       | HEINEKEN                           | 16-11-2018  | 76,0000        | C                 | EUR               | 4,6500 | 4,6500 | 4,3000 | 4           | 4,3000 | 4,3100     |      | 4            | 47            | 22-10-2018         |
| O                | HEI                       | HEINEKEN                           | 16-11-2018  | 76,0000        | P                 | EUR               | 0,6500 | 0,7000 | 0,6500 | 2           | 0,7000 | 0,7300     |      | 1            | 6             | 22-10-2018         |
| O                | HEI                       | HEINEKEN                           | 16-11-2018  | 78,0000        | C                 | EUR               | 3,1000 | 3,1000 | 2,9000 | 4           | 2,9000 | 2,8200     |      | 3            | 4             | 22-10-2018         |
| O                | HEI                       | HEINEKEN                           | 16-11-2018  | 78,0000        | P                 | EUR               | 1,1700 | 1,2200 | 1,1000 | 4           | 1,2200 | 1,2300     |      | 1            | 5             | 22-10-2018         |
| O                | HEI                       | HEINEKEN                           | 16-11-2018  | 80,0000        | C                 | EUR               | 1,8100 | 1,8800 | 1,7000 | 7           | 1,7100 | 1,6600     |      | 2            | 21            | 22-10-2018         |
| O                | HEI                       | HEINEKEN                           | 16-11-2018  | 80,0000        | P                 | EUR               | 1,9800 | 1,9800 | 1,8400 | 2           | 1,8400 | 2,0600     |      | 2            | 2             | 22-10-2018         |
| O                | HEI                       | HEINEKEN                           | 16-11-2018  | 82,0000        | C                 | EUR               | 0,9400 | 0,9500 | 0,8800 | 8           | 0,8800 | 0,8600     |      | 1            | 26            | 22-10-2018         |
| O                | HEI                       | HEINEKEN                           | 16-11-2018  | 82,0000        | P                 | EUR               | 3,1200 | 3,1200 | 3,1200 | 4           | 3,1200 | 3,2700     |      | 3            | 100           | 22-10-2018         |
| O                | HEI                       | HEINEKEN                           | 16-11-2018  | 84,0000        | C                 | EUR               | 0,4500 | 0,4900 | 0,4200 | 8           | 0,4200 | 0,4200     |      | 0            | 81            | 22-10-2018         |
| O                | HEI                       | HEINEKEN                           | 16-11-2018  | 84,0000        | P                 | EUR               | 4,6000 | 4,7200 | 4,6000 | 2           | 4,7200 | 4,8300     |      | 5            | 2             | 22-10-2018         |
| O                | HEI                       | HEINEKEN                           | 16-11-2018  | 86,0000        | C                 | EUR               | 0,2500 | 0,2500 | 0,2100 | 4           | 0,2100 | 0,2000     |      | 0            | 11            | 22-10-2018         |
| O                | HEI                       | HEINEKEN                           | 16-11-2018  | 86,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,6200     |      | 7            | 0             | 22-10-2018         |
| O                | HEI                       | HEINEKEN                           | 16-11-2018  | 88,0000        | C                 | EUR               | 0,1200 | 0,1200 | 0,1200 | 1           | 0,1200 | 0,1200     |      | 0            | 3             | 22-10-2018         |
| O                | HE                        |                                    |             |                |                   |                   |        |        |        |             |        |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|-----------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | HEI                       | HEINEKEN        | 21-12-2018  | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 49,6000    | 50   | 0            | 1             | 22-10-2018         |
| O                | HEI                       | HEINEKEN        | 21-12-2018  | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 317           | 22-10-2018         |
| O                | HEI                       | HEINEKEN        | 21-12-2018  | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 39,6000    | 40   | 0            | 0             | 22-10-2018         |
| O                | HEI                       | HEINEKEN        | 21-12-2018  | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 292           | 22-10-2018         |
| O                | HEI                       | HEINEKEN        | 21-12-2018  | 45,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 34,6000    | 35   | 0            | 0             | 22-10-2018         |
| O                | HEI                       | HEINEKEN        | 21-12-2018  | 45,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 248           | 22-10-2018         |
| O                | HEI                       | HEINEKEN        | 21-12-2018  | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 29,6000    | 30   | 0            | 4             | 22-10-2018         |
| O                | HEI                       | HEINEKEN        | 21-12-2018  | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 338           | 22-10-2018         |
| O                | HEI                       | HEINEKEN        | 21-12-2018  | 55,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 24,6200    | 25   | 0            | 0             | 22-10-2018         |
| O                | HEI                       | HEINEKEN        | 21-12-2018  | 55,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 122           | 22-10-2018         |
| O                | HEI                       | HEINEKEN        | 21-12-2018  | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 19,7000    | 20   | 0            | 145           | 22-10-2018         |
| O                | HEI                       | HEINEKEN        | 21-12-2018  | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     | 0    | 0            | 279           | 22-10-2018         |
| O                | HEI                       | HEINEKEN        | 21-12-2018  | 64,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,7200    | 16   | 0            | 0             | 22-10-2018         |
| O                | HEI                       | HEINEKEN        | 21-12-2018  | 64,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1600     | 0    | 0            | 17            | 22-10-2018         |
| O                | HEI                       | HEINEKEN        | 21-12-2018  | 68,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,8500    | 12   | 0            | 0             | 22-10-2018         |
| O                | HEI                       | HEINEKEN        | 21-12-2018  | 68,0000        | P                 | EUR               | 0,2800 | 0,2800 | 0,2800 | 1           | 0,2800 | 0,2800     | 0    | 4            | 24            | 22-10-2018         |
| O                | HEI                       | HEINEKEN        | 21-12-2018  | 70,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,9800     | 10   | 0            | 229           | 22-10-2018         |
| O                | HEI                       | HEINEKEN        | 21-12-2018  | 70,0000        | P                 | EUR               | 0,3600 | 0,3600 | 0,3600 | 1           | 0,3600 | 0,4000     | 0    | 1            | 2314          | 22-10-2018         |
| O                | HEI                       | HEINEKEN        | 21-12-2018  | 72,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,1400     | 8    | 0            | 30            | 22-10-2018         |
| O                | HEI                       | HEINEKEN        | 21-12-2018  | 72,0000        | P                 | EUR               | 0,5400 | 0,5400 | 0,5400 | 1           | 0,5400 | 0,5700     | 1    | 5            | 201           | 22-10-2018         |
| O                | HEI                       | HEINEKEN        | 21-12-2018  | 74,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,4200     | 6    | 0            | 2             | 22-10-2018         |
| O                | HEI                       | HEINEKEN        | 21-12-2018  | 74,0000        | P                 | EUR               | 0,7600 | 0,7600 | 0,7600 | 1           | 0,7600 | 0,8500     | 1    | 2            | 24            | 22-10-2018         |
| O                | HEI                       | HEINEKEN        | 21-12-2018  | 75,0000        | C                 | EUR               | 5,9400 | 5,9400 | 5,9400 | 1           | 5,9400 | 5,6000     | 6    | 1            | 229           | 22-10-2018         |
| O                | HEI                       | HEINEKEN        | 21-12-2018  | 75,0000        | P                 | EUR               | 0,9300 | 0,9300 | 0,9300 | 4           | 0,9400 | 1,0200     | 1    | 55           | 777           | 22-10-2018         |
| O                | HEI                       | HEINEKEN        | 21-12-2018  | 76,0000        | C                 | EUR               | 4,8200 | 4,8200 | 4,8200 | 1           | 4,8200 | 4,8300     | 5    | 25           | 135           | 22-10-2018         |
| O                | HEI                       | HEINEKEN        | 21-12-2018  | 76,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2500     | 1    | 0            | 77            | 22-10-2018         |
| O                | HEI                       | HEINEKEN        | 21-12-2018  | 78,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4200     | 3    | 0            | 210           | 22-10-2018         |
| O                | HEI                       | HEINEKEN        | 21-12-2018  | 78,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8500     | 2    | 0            | 132           | 22-10-2018         |
| O                | HEI                       | HEINEKEN        | 21-12-2018  | 80,0000        | C                 | EUR               | 2,2900 | 2,4500 | 2,2700 | 8           | 2,3200 | 2,2800     | 2    | 39           | 1153          | 22-10-2018         |
| O                | HEI                       | HEINEKEN        | 21-12-2018  | 80,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7000     | 3    | 0            | 1644          | 22-10-2018         |
| O                | HEI                       | HEINEKEN        | 21-12-2018  | 82,0000        | C                 | EUR               | 1,4500 | 1,5500 | 1,4500 | 10          | 1,4800 | 1,4100     | 1    | 66           | 343           | 22-10-2018         |
| O                | HEI                       | HEINEKEN        | 21-12-2018  | 82,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8400     | 4    | 0            | 95            | 22-10-2018         |
| O                | HEI                       | HEINEKEN        | 21-12-2018  | 84,0000        | C                 | EUR               | 0,8800 | 0,8800 | 0,8600 | 7           | 0,8800 | 0,8500     | 1    | 103          | 252           | 22-10-2018         |
| O                | HEI                       | HEINEKEN        | 21-12-2018  | 84,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,2800     | 5    | 0            | 81            | 22-10-2018         |
| O                | HEI                       | HEINEKEN        | 21-12-2018  | 85,0000        | C                 | EUR               | 0,6600 | 0,7400 | 0,6300 | 4           | 0,7400 | 0,6400     | 1    | 18           | 874           | 22-10-2018         |
| O                | HEI                       | HEINEKEN        | 21-12-2018  | 85,0000        | P                 | EUR               | 5,9500 | 5,9500 | 5,9500 | 1           | 5,9500 | 6,0800     | 6    | 5            | 641           | 22-10-2018         |
| O                | HEI                       | HEINEKEN        | 21-12-2018  | 88,0000        | C                 | EUR               | 0,3000 | 0,3000 | 0,3000 | 1           | 0,3000 | 0,2900     | 0    | 2            | 160           | 22-10-2018         |
| O                | HEI                       | HEINEKEN        | 21-12-2018  | 88,0000        | P                 | EUR               | 8,3500 | 8,3500 | 8,3500 | 1           | 8,3500 | 8,7400     | 2    | 2            | 89            | 22-10-2018         |
| O                | HEI                       | HEINEKEN        | 21-12-2018  | 90,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1800     | 0    | 0            | 1814          | 22-10-2018         |
| O                | HEI                       | HEINEKEN        | 21-12-2018  | 90,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,6200    | 11   | 0            | 978           | 22-10-2018         |
| O                | HEI                       | HEINEKEN        | 21-12-2018  | 92,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     | 0    | 0            | 373           | 22-10-2018         |
| O                | HEI                       | HEINEKEN        | 21-12-2018  | 92,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,5700    | 13   | 0            | 60            | 22-10-2018         |
| O                | HEI                       | HEINEKEN        | 21-12-2018  | 95,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     | 0    | 0            | 293           | 22-10-2018         |
| O                | HEI                       | HEINEKEN        | 21-12-2018  | 95,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,5300    | 16   | 0            | 193           | 22-10-2018         |
| O                | HEI                       | HEINEKEN        | 21-12-2018  | 100,0000       | C                 | EUR               | 0,0300 | 0,0300 | 0,0300 | 2           | 0,0300 | 0,0400     | 0    | 2            | 907           | 22-10-2018         |
| O                | HEI                       | HEINEKEN        | 21-12-2018  | 100,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 20,4800    | 20   | 0            | 223           | 22-10-2018         |
| O                | HEI                       | HEINEKEN        | 21-12-2018  | 110,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 240           | 22-10-2018         |
| O                | HEI                       | HEINEKEN        | 21-12-2018  | 110,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 30,4700    | 30   | 0            | 50            | 22-10-2018         |
| O                | HEI                       | HEINEKEN        | 21-12-2018  | 120,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 111           | 22-10-2018         |
| O                | HEI                       | HEINEKEN        | 21-12-2018  | 120,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 40,4800    | 40   | 0            | 24            | 22-10-2018         |
| O                | HEI                       | HEINEKEN        | 21-12-2018  | 140,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | HEI                       | HEINEKEN        | 21-12-2018  | 140,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 60,4900    | 60   | 0            | 11            | 22-10-2018         |
| O                | HEI                       | HEINEKEN        | 21-12-2018  | 150,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 79            | 22-10-2018         |
| O                | HEI                       | HEINEKEN        | 21-12-2018  | 150,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 70,5000    | 71   | 0            | 751           | 22-10-2018         |
| O                | HEI                       | HEINEKEN        | 18-1-2019   | 68,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,9800    | 12   | 0            | 0             | 22-10-2018         |
| O                | HEI                       | HEINEKEN        | 18-1-2019   | 68,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4100     | 0    | 0            | 0             | 22-10-2018         |
| O                | HEI                       | HEINEKEN        | 18-1-2019   | 72,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,3400     | 8    | 0            | 0             | 22-10-2018         |
| O                | HEI                       | HEINEKEN        | 18-1-2019   | 72,0000        | P                 | EUR               | 0,7000 | 0,7000 | 0,7000 | 1           | 0,7000 | 0,7800     | 1    | 2            | 2             | 22-10-2018         |
| O                | HEI                       | HEINEKEN        | 18-1-2019   | 76,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,1100     | 5    | 0            | 0             | 22-10-2018         |
| O                | HEI                       | HEINEKEN        | 18-1-2019   | 76,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5600     | 2    | 0            | 0             | 22-10-2018         |
| O                | HEI                       | HEINEKEN        | 18-1-2019   | 78,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,7800     | 4    | 0            | 0             | 22-10-2018         |
| O                | HEI                       | HEINEKEN        | 18-1-2019   | 78,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2200     | 2    | 0            | 0             | 22-10-2018         |
| O                | HEI                       | HEINEKEN        | 18-1-2019   | 80,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6500     | 3    | 0            | 0             | 22-10-2018         |
| O                | HEI                       | HEINEKEN        | 18-1-2019   | 80,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0800     | 3    | 0            | 0             | 22-10-2018         |
| O                | HEI                       | HEINEKEN        | 18-1-2019   | 82,0000        | C                 | EUR               | 1,9500 | 1,9500 | 1,8500 | 2           | 1,8500 | 1,7700     | 2    | 5            | 3             | 22-10-2018         |
| O                | HEI                       | HEINEKEN        | 18-1-2019   | 82,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,2100     | 4    | 0            | 0             | 22-10-2018         |
| O                | HEI                       | HEINEKEN        | 18-1-2019   | 84,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1300     | 1    | 0            | 0             | 22-10-2018         |
| O                | HEI                       | HEINEKEN        | 18-1-2019   | 84,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,5700     | 6    | 0            | 0             | 22-10-2018         |
| O                | HEI                       | HEINEKEN        | 18-1-2019   | 88,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4500     | 0    | 0            | 0             | 22-10-2018         |
| O                | HEI                       | HEINEKEN        | 18-1-2019   | 88,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,8900     | 9    | 0            | 0             | 22-10-2018         |
| O                | HEI                       | HEINEKEN        | 18-1-2019   | 92,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1900     | 0    | 0            | 0             | 22-10-2018         |
| O                | HEI                       | HEINEKEN        | 18-1-2019   | 92,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,6200    | 13   | 0            | 0             | 22-10-2018         |
| O                | HEI                       | HEINEKEN        | 15-3-2019   | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 29,6700    | 30   | 0            | 0             | 22-10-2018         |
| O                | HEI                       | HEINEKEN        | 15-3-2019   | 50,0000        | P                 | EUR               | 0,0700 | 0,0700 | 0,0700 | 1           | 0,0700 | 0,0700     | 0    | 8            | 8             | 22-10-2018         |
| O                | HEI                       | HEINEKEN        | 15-3-2019   | 55,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 24,7000    | 25   | 0            | 0             | 22-10-2018         |
| O                | HEI                       | HEINEKEN        | 15-3-2019   | 55,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     | 0    | 0            | 52            | 22-10-2018         |
| O                | HEI                       | HEINEKEN        | 15-3-2019   | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 19,8500    | 20   | 0            | 25            | 22-10-2018         |
| O                | HEI                       | HEINEKEN        | 15-3-20     |                |                   |                   |        |        |        |             |        |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open    | High    | Low     | Trade Count | Close   | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|-----------------|-------------|----------------|-------------------|-------------------|---------|---------|---------|-------------|---------|------------|------|--------------|---------------|--------------------|
| O                | HEI                       | HEINEKEN        | 15-3-2019   | 85,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,0100     |      | 7            | 0             | 319 22-10-2018     |
| O                | HEI                       | HEINEKEN        | 15-3-2019   | 90,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,6500     |      | 1            | 0             | 1405 22-10-2018    |
| O                | HEI                       | HEINEKEN        | 15-3-2019   | 90,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 11,1100    |      | 11           | 0             | 125 22-10-2018     |
| O                | HEI                       | HEINEKEN        | 15-3-2019   | 95,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2800     |      | 0            | 0             | 163 22-10-2018     |
| O                | HEI                       | HEINEKEN        | 15-3-2019   | 95,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 15,7700    |      | 16           | 0             | 115 22-10-2018     |
| O                | HEI                       | HEINEKEN        | 15-3-2019   | 100,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1500     |      | 0            | 0             | 77 22-10-2018      |
| O                | HEI                       | HEINEKEN        | 15-3-2019   | 100,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 20,6500    |      | 21           | 0             | 18 22-10-2018      |
| O                | HEI                       | HEINEKEN        | 15-3-2019   | 110,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0600     |      | 0            | 0             | 29 22-10-2018      |
| O                | HEI                       | HEINEKEN        | 15-3-2019   | 110,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 30,5500    |      | 31           | 0             | 0 22-10-2018       |
| O                | HEI                       | HEINEKEN        | 15-3-2019   | 120,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0500     |      | 0            | 0             | 0 22-10-2018       |
| O                | HEI                       | HEINEKEN        | 15-3-2019   | 120,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 40,6100    |      | 41           | 0             | 8 22-10-2018       |
| O                | HEI                       | HEINEKEN        | 15-3-2019   | 140,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 10 22-10-2018      |
| O                | HEI                       | HEINEKEN        | 15-3-2019   | 140,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 60,6300    |      | 61           | 0             | 40 22-10-2018      |
| O                | HEI                       | HEINEKEN        | 21-6-2019   | 50,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 29,7300    |      | 30           | 0             | 0 22-10-2018       |
| O                | HEI                       | HEINEKEN        | 21-6-2019   | 50,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1500     |      | 0            | 0             | 0 22-10-2018       |
| O                | HEI                       | HEINEKEN        | 21-6-2019   | 55,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 24,8200    |      | 25           | 0             | 7 22-10-2018       |
| O                | HEI                       | HEINEKEN        | 21-6-2019   | 55,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2800     |      | 0            | 0             | 37 22-10-2018      |
| O                | HEI                       | HEINEKEN        | 21-6-2019   | 60,0000        | C                 | EUR               | 20,2000 | 20,2000 | 20,2000 | 1           | 20,2000 | 19,9800    |      | 20           | 1             | 29 22-10-2018      |
| O                | HEI                       | HEINEKEN        | 21-6-2019   | 60,0000        | P                 | EUR               | 0,5000  | 0,5000  | 0,5000  | 2           | 0,5000  | 0,5200     |      | 1            | 2             | 280 22-10-2018     |
| O                | HEI                       | HEINEKEN        | 21-6-2019   | 70,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,9900    |      | 11           | 0             | 106 22-10-2018     |
| O                | HEI                       | HEINEKEN        | 21-6-2019   | 70,0000        | P                 | EUR               | 1,7000  | 1,7000  | 1,7000  | 1           | 1,7000  | 1,7800     |      | 2            | 5             | 1315 22-10-2018    |
| O                | HEI                       | HEINEKEN        | 21-6-2019   | 75,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,2400     |      | 7            | 0             | 63 22-10-2018      |
| O                | HEI                       | HEINEKEN        | 21-6-2019   | 75,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,1600     |      | 3            | 0             | 283 22-10-2018     |
| O                | HEI                       | HEINEKEN        | 21-6-2019   | 80,0000        | C                 | EUR               | 4,3000  | 4,3000  | 4,3000  | 1           | 4,3000  | 4,2500     |      | 4            | 1             | 243 22-10-2018     |
| O                | HEI                       | HEINEKEN        | 21-6-2019   | 80,0000        | P                 | EUR               | 5,2500  | 5,2500  | 5,2500  | 1           | 5,2500  | 5,3400     |      | 5            | 5             | 2120 22-10-2018    |
| O                | HEI                       | HEINEKEN        | 21-6-2019   | 85,0000        | C                 | EUR               | 2,3500  | 2,3700  | 2,3500  | 4           | 2,3600  | 2,2600     |      | 2            | 56            | 145 22-10-2018     |
| O                | HEI                       | HEINEKEN        | 21-6-2019   | 85,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,4600     |      | 8            | 0             | 298 22-10-2018     |
| O                | HEI                       | HEINEKEN        | 21-6-2019   | 90,0000        | C                 | EUR               | 1,1300  | 1,1300  | 1,1300  | 2           | 1,1300  | 1,1300     |      | 1            | 5             | 1462 22-10-2018    |
| O                | HEI                       | HEINEKEN        | 21-6-2019   | 90,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,4100    |      | 12           | 0             | 531 22-10-2018     |
| O                | HEI                       | HEINEKEN        | 21-6-2019   | 95,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,5500     |      | 1            | 0             | 34 22-10-2018      |
| O                | HEI                       | HEINEKEN        | 21-6-2019   | 95,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 16,8900    |      | 17           | 0             | 19 22-10-2018      |
| O                | HEI                       | HEINEKEN        | 21-6-2019   | 100,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2900     |      | 0            | 0             | 732 22-10-2018     |
| O                | HEI                       | HEINEKEN        | 21-6-2019   | 100,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 21,6500    |      | 22           | 0             | 27 22-10-2018      |
| O                | HEI                       | HEINEKEN        | 21-6-2019   | 110,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0500     |      | 0            | 0             | 25 22-10-2018      |
| O                | HEI                       | HEINEKEN        | 21-6-2019   | 110,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 31,4500    |      | 31           | 0             | 0 22-10-2018       |
| O                | HEI                       | HEINEKEN        | 21-6-2019   | 120,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 0 22-10-2018       |
| O                | HEI                       | HEINEKEN        | 21-6-2019   | 120,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 41,4500    |      | 41           | 0             | 1 22-10-2018       |
| O                | HEI                       | HEINEKEN        | 21-6-2019   | 140,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 0 22-10-2018       |
| O                | HEI                       | HEINEKEN        | 21-6-2019   | 140,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 61,4500    |      | 61           | 0             | 0 22-10-2018       |
| O                | HEI                       | HEINEKEN        | 21-6-2019   | 150,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 0 22-10-2018       |
| O                | HEI                       | HEINEKEN        | 21-6-2019   | 150,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 71,4500    |      | 71           | 0             | 24 22-10-2018      |
| O                | HEI                       | HEINEKEN        | 20-9-2019   | 50,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 29,7500    |      | 30           | 0             | 0 22-10-2018       |
| O                | HEI                       | HEINEKEN        | 20-9-2019   | 50,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2500     |      | 0            | 0             | 5 22-10-2018       |
| O                | HEI                       | HEINEKEN        | 20-9-2019   | 55,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 24,8500    |      | 25           | 0             | 0 22-10-2018       |
| O                | HEI                       | HEINEKEN        | 20-9-2019   | 55,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,4600     |      | 0            | 0             | 1 22-10-2018       |
| O                | HEI                       | HEINEKEN        | 20-9-2019   | 60,0000        | C                 | EUR               | 20,2500 | 20,2500 | 20,2500 | 1           | 20,2500 | 20,0500    |      | 20           | 2             | 3 22-10-2018       |
| O                | HEI                       | HEINEKEN        | 20-9-2019   | 60,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,8300     |      | 1            | 0             | 40 22-10-2018      |
| O                | HEI                       | HEINEKEN        | 20-9-2019   | 70,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 11,2500    |      | 11           | 0             | 8 22-10-2018       |
| O                | HEI                       | HEINEKEN        | 20-9-2019   | 70,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,4800     |      | 2            | 0             | 1020 22-10-2018    |
| O                | HEI                       | HEINEKEN        | 20-9-2019   | 75,0000        | C                 | EUR               | 7,8300  | 7,8300  | 7,8300  | 1           | 7,8300  | 7,6100     |      | 8            | 1             | 9 22-10-2018       |
| O                | HEI                       | HEINEKEN        | 20-9-2019   | 75,0000        | P                 | EUR               | 3,9400  | 3,9400  | 3,9400  | 1           | 3,9400  | 4,0800     |      | 4            | 1             | 691 22-10-2018     |
| O                | HEI                       | HEINEKEN        | 20-9-2019   | 80,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,7700     |      | 5            | 0             | 61 22-10-2018      |
| O                | HEI                       | HEINEKEN        | 20-9-2019   | 80,0000        | P                 | EUR               | 6,1500  | 6,1500  | 6,1500  | 1           | 6,1500  | 6,3900     |      | 6            | 2             | 12 22-10-2018      |
| O                | HEI                       | HEINEKEN        | 20-9-2019   | 85,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,7900     |      | 3            | 0             | 160 22-10-2018     |
| O                | HEI                       | HEINEKEN        | 20-9-2019   | 85,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 9,5400     |      | 10           | 0             | 50 22-10-2018      |
| O                | HEI                       | HEINEKEN        | 20-9-2019   | 90,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,5200     |      | 2            | 0             | 62 22-10-2018      |
| O                | HEI                       | HEINEKEN        | 20-9-2019   | 90,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 13,3700    |      | 13           | 0             | 0 22-10-2018       |
| O                | HEI                       | HEINEKEN        | 20-9-2019   | 100,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,4600     |      | 0            | 0             | 0 22-10-2018       |
| O                | HEI                       | HEINEKEN        | 20-9-2019   | 100,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 22,3900    |      | 22           | 0             | 0 22-10-2018       |
| O                | HEI                       | HEINEKEN        | 20-9-2019   | 110,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1700     |      | 0            | 0             | 11 22-10-2018      |
| O                | HEI                       | HEINEKEN        | 20-9-2019   | 110,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 32,1500    |      | 32           | 0             | 0 22-10-2018       |
| O                | HEI                       | HEINEKEN        | 20-12-2019  | 40,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 39,6700    |      | 40           | 0             | 0 22-10-2018       |
| O                | HEI                       | HEINEKEN        | 20-12-2019  | 40,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1100     |      | 0            | 0             | 79 22-10-2018      |
| O                | HEI                       | HEINEKEN        | 20-12-2019  | 50,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 29,7500    |      | 30           | 0             | 1 22-10-2018       |
| O                | HEI                       | HEINEKEN        | 20-12-2019  | 50,0000        | P                 | EUR               | 0,3300  | 0,3300  | 0,3300  | 1           | 0,3300  | 0,3600     |      | 0            | 18            | 201 22-10-2018     |
| O                | HEI                       | HEINEKEN        | 20-12-2019  | 55,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 24,8800    |      | 25           | 0             | 11 22-10-2018      |
| O                | HEI                       | HEINEKEN        | 20-12-2019  | 55,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,6400     |      | 1            | 0             | 199 22-10-2018     |
| O                | HEI                       | HEINEKEN        | 20-12-2019  | 60,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 20,1800    |      | 20           | 0             | 83 22-10-2018      |
| O                | HEI                       | HEINEKEN        | 20-12-2019  | 60,0000        | P                 | EUR               | 1,1000  | 1,1000  | 1,1000  | 3           | 1,1000  | 1,1200     |      | 1            | 20            | 476 22-10-2018     |
| O                | HEI                       | HEINEKEN        | 20-12-2019  | 70,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 11,6200    |      | 12           | 0             | 536 22-10-2018     |
| O                | HEI                       | HEINEKEN        | 20-12-2019  | 70,0000        | P                 | EUR               | 2,9500  | 2,9500  | 2,9500  | 1           | 2,9500  | 3,0500     |      | 3            | 1             | 535 22-10-2018     |
| O                | HEI                       | HEINEKEN        | 20-12-2019  | 80,0000        | C                 | EUR               | 5,6000  | 5,6000  | 5,6000  | 1           | 5,6000  | 5,3800     |      | 5            | 6             | 654 22-10-2018     |
| O                | HEI                       | HEINEKEN        | 20-12-2019  | 80,0000        | P                 | EUR               | 7,0000  | 7,1000  | 7,0000  | 2           | 7,1000  | 7,1400     |      | 7            | 6             | 2695 22-10-2018    |
| O                | HEI                       | HEINEKEN        | 20-12-2019  | 90,0000        | C                 | EUR               | 2,1500  | 2,1500  | 2,1500  | 1           | 2,1500  | 2,0400     |      | 2            | 10            | 1873 22-10-2018    |
| O                | HEI                       | HEINEKEN        | 20-12-2019  | 90,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 13,9500    |      | 14           | 0             | 464 22-10-2018     |
| O                | HEI                       | HEINEKEN        | 20-12-2019  | 100,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,7300     |      | 1            | 0             | 1181 22-10-2018    |
| O                | HEI                       | HEINEKEN        | 20-12-2019  | 100,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 22,7100    |      | 23           | 0             | 200 22-10-2018     |
| O                | HEI                       | HEINEKEN        | 2           |                |                   |                   |         |         |         |             |         |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name          | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open    | High    | Low     | Trade Count | Close   | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|--------------------------|-------------|----------------|-------------------|-------------------|---------|---------|---------|-------------|---------|------------|------|--------------|---------------|--------------------|
| O                | HEI                       | HEINEKEN                 | 19-6-2020   | 60,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 20,3600    | 20   | 0            | 6             | 22-10-2018         |
| O                | HEI                       | HEINEKEN                 | 19-6-2020   | 60,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,7500     | 2    | 0            | 123           | 22-10-2018         |
| O                | HEI                       | HEINEKEN                 | 19-6-2020   | 70,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,2600    | 12   | 0            | 42            | 22-10-2018         |
| O                | HEI                       | HEINEKEN                 | 19-6-2020   | 70,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,2400     | 4    | 0            | 79            | 22-10-2018         |
| O                | HEI                       | HEINEKEN                 | 19-6-2020   | 80,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,3100     | 6    | 0            | 14            | 22-10-2018         |
| O                | HEI                       | HEINEKEN                 | 19-6-2020   | 80,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,6600     | 9    | 0            | 29            | 22-10-2018         |
| O                | HEI                       | HEINEKEN                 | 19-6-2020   | 90,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,8200     | 3    | 0            | 24            | 22-10-2018         |
| O                | HEI                       | HEINEKEN                 | 19-6-2020   | 90,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 15,4100    | 15   | 0            | 10            | 22-10-2018         |
| O                | HEI                       | HEINEKEN                 | 19-6-2020   | 100,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,1900     | 1    | 0            | 11            | 22-10-2018         |
| O                | HEI                       | HEINEKEN                 | 19-6-2020   | 100,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 23,9300    | 24   | 0            | 0             | 22-10-2018         |
| O                | HEI                       | HEINEKEN                 | 19-6-2020   | 120,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2100     | 0    | 0            | 0             | 22-10-2018         |
| O                | HEI                       | HEINEKEN                 | 19-6-2020   | 120,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 43,0500    | 43   | 0            | 0             | 22-10-2018         |
| O                | HEI                       | HEINEKEN                 | 19-6-2020   | 150,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | HEI                       | HEINEKEN                 | 19-6-2020   | 150,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 73,0300    | 73   | 0            | 10            | 22-10-2018         |
| O                | HEI                       | HEINEKEN                 | 18-12-2020  | 50,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 29,8000    | 30   | 0            | 15            | 22-10-2018         |
| O                | HEI                       | HEINEKEN                 | 18-12-2020  | 50,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,9100     | 1    | 0            | 166           | 22-10-2018         |
| O                | HEI                       | HEINEKEN                 | 18-12-2020  | 60,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 20,5400    | 21   | 0            | 11            | 22-10-2018         |
| O                | HEI                       | HEINEKEN                 | 18-12-2020  | 60,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,4000     | 2    | 0            | 289           | 22-10-2018         |
| O                | HEI                       | HEINEKEN                 | 18-12-2020  | 70,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,7600    | 13   | 0            | 274           | 22-10-2018         |
| O                | HEI                       | HEINEKEN                 | 18-12-2020  | 70,0000        | P                 | EUR               | 5,3000  | 5,3000  | 5,3000  | 1           | 5,3000  | 5,2900     | 5    | 5            | 293           | 22-10-2018         |
| O                | HEI                       | HEINEKEN                 | 18-12-2020  | 80,0000        | C                 | EUR               | 7,2000  | 7,2600  | 7,0000  | 5           | 7,0000  | 7,0800     | 7    | 5            | 260           | 22-10-2018         |
| O                | HEI                       | HEINEKEN                 | 18-12-2020  | 80,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 9,9900     | 10   | 0            | 874           | 22-10-2018         |
| O                | HEI                       | HEINEKEN                 | 18-12-2020  | 90,0000        | C                 | EUR               | 3,5800  | 3,7500  | 3,5800  | 4           | 3,6200  | 3,5600     | 4    | 5            | 1476          | 22-10-2018         |
| O                | HEI                       | HEINEKEN                 | 18-12-2020  | 90,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 16,6400    | 17   | 0            | 637           | 22-10-2018         |
| O                | HEI                       | HEINEKEN                 | 18-12-2020  | 100,0000       | C                 | EUR               | 1,6500  | 1,6900  | 1,6500  | 3           | 1,6900  | 1,6700     | 2    | 3            | 810           | 22-10-2018         |
| O                | HEI                       | HEINEKEN                 | 18-12-2020  | 100,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 24,8800    | 25   | 0            | 43            | 22-10-2018         |
| O                | HEI                       | HEINEKEN                 | 18-12-2020  | 120,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3700     | 0    | 0            | 5             | 22-10-2018         |
| O                | HEI                       | HEINEKEN                 | 18-12-2020  | 120,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 43,7200    | 44   | 0            | 0             | 22-10-2018         |
| O                | HEI                       | HEINEKEN                 | 18-12-2020  | 150,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0300     | 0    | 0            | 104           | 22-10-2018         |
| O                | HEI                       | HEINEKEN                 | 18-12-2020  | 150,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 73,6000    | 74   | 0            | 37            | 22-10-2018         |
| O                | HEI                       | HEINEKEN                 | 17-12-2021  | 50,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 29,8800    | 30   | 0            | 9             | 22-10-2018         |
| O                | HEI                       | HEINEKEN                 | 17-12-2021  | 50,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,6600     | 2    | 0            | 109           | 22-10-2018         |
| O                | HEI                       | HEINEKEN                 | 17-12-2021  | 60,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 21,0400    | 21   | 0            | 34            | 22-10-2018         |
| O                | HEI                       | HEINEKEN                 | 17-12-2021  | 60,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,8100     | 4    | 0            | 159           | 22-10-2018         |
| O                | HEI                       | HEINEKEN                 | 17-12-2021  | 70,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 13,9100    | 14   | 0            | 222           | 22-10-2018         |
| O                | HEI                       | HEINEKEN                 | 17-12-2021  | 70,0000        | P                 | EUR               | 7,3000  | 7,3000  | 7,3000  | 1           | 7,3000  | 7,2900     | 7    | 5            | 294           | 22-10-2018         |
| O                | HEI                       | HEINEKEN                 | 17-12-2021  | 80,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,6300     | 9    | 0            | 324           | 22-10-2018         |
| O                | HEI                       | HEINEKEN                 | 17-12-2021  | 80,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,3100    | 12   | 0            | 541           | 22-10-2018         |
| O                | HEI                       | HEINEKEN                 | 17-12-2021  | 90,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,0900     | 5    | 0            | 147           | 22-10-2018         |
| O                | HEI                       | HEINEKEN                 | 17-12-2021  | 90,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 18,9100    | 19   | 0            | 179           | 22-10-2018         |
| O                | HEI                       | HEINEKEN                 | 17-12-2021  | 100,0000       | C                 | EUR               | 2,9700  | 3,0000  | 2,9700  | 2           | 3,0000  | 2,8300     | 3    | 2            | 283           | 22-10-2018         |
| O                | HEI                       | HEINEKEN                 | 17-12-2021  | 100,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 26,8000    | 27   | 0            | 172           | 22-10-2018         |
| O                | HEI                       | HEINEKEN                 | 17-12-2021  | 120,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,9100     | 1    | 0            | 171           | 22-10-2018         |
| O                | HEI                       | HEINEKEN                 | 17-12-2021  | 120,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 44,9900    | 45   | 0            | 17            | 22-10-2018         |
| O                | HEI                       | HEINEKEN                 | 17-12-2021  | 150,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2300     | 0    | 0            | 262           | 22-10-2018         |
| O                | HEI                       | HEINEKEN                 | 17-12-2021  | 150,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 74,4000    | 74   | 0            | 634           | 22-10-2018         |
| O                | HEI                       | HEINEKEN                 | 16-12-2022  | 50,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 29,9800    | 30   | 0            | 3             | 22-10-2018         |
| O                | HEI                       | HEINEKEN                 | 16-12-2022  | 50,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,3900     | 2    | 0            | 226           | 22-10-2018         |
| O                | HEI                       | HEINEKEN                 | 16-12-2022  | 60,0000        | C                 | EUR               | 21,6100 | 21,6100 | 21,6100 | 1           | 21,6100 | 21,3900    | 21   | 1            | 300           | 22-10-2018         |
| O                | HEI                       | HEINEKEN                 | 16-12-2022  | 60,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,9500     | 5    | 0            | 402           | 22-10-2018         |
| O                | HEI                       | HEINEKEN                 | 16-12-2022  | 80,0000        | C                 | EUR               | 10,1500 | 10,1500 | 10,1500 | 1           | 10,1500 | 9,8500     | 10   | 1            | 275           | 22-10-2018         |
| O                | HEI                       | HEINEKEN                 | 16-12-2022  | 80,0000        | P                 | EUR               | 14,0500 | 14,0500 | 14,0500 | 1           | 14,0500 | 14,0600    | 14   | 4            | 281           | 22-10-2018         |
| O                | HEI                       | HEINEKEN                 | 16-12-2022  | 90,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,3300     | 6    | 0            | 157           | 22-10-2018         |
| O                | HEI                       | HEINEKEN                 | 16-12-2022  | 90,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 20,6100    | 21   | 0            | 481           | 22-10-2018         |
| O                | HEI                       | HEINEKEN                 | 16-12-2022  | 100,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,9100     | 4    | 0            | 123           | 22-10-2018         |
| O                | HEI                       | HEINEKEN                 | 16-12-2022  | 100,0000       | P                 | EUR               | 28,3900 | 28,3900 | 28,3900 | 1           | 28,3900 | 28,2400    | 28   | 1            | 140           | 22-10-2018         |
| O                | HEI                       | HEINEKEN                 | 16-12-2022  | 120,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,4600     | 1    | 0            | 224           | 22-10-2018         |
| O                | HEI                       | HEINEKEN                 | 16-12-2022  | 120,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 45,8100    | 46   | 0            | 110           | 22-10-2018         |
| O                | HEI                       | HEINEKEN                 | 16-12-2022  | 150,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,4000     | 0    | 0            | 140           | 22-10-2018         |
| O                | HEI                       | HEINEKEN                 | 16-12-2022  | 150,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 74,8500    | 75   | 0            | 140           | 22-10-2018         |
| O                | HEY                       | Heijmans N.V. - STND OPT | 16-11-2018  | 8,0000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,3300     | 1    | 0            | 0             | 22-10-2018         |
| O                | HEY                       | Heijmans N.V. - STND OPT | 16-11-2018  | 8,0000         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2100     | 0    | 0            | 0             | 22-10-2018         |
| O                | HEY                       | Heijmans N.V. - STND OPT | 16-11-2018  | 8,4000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,0300     | 1    | 0            | 0             | 22-10-2018         |
| O                | HEY                       | Heijmans N.V. - STND OPT | 16-11-2018  | 8,4000         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3100     | 0    | 0            | 5             | 22-10-2018         |
| O                | HEY                       | Heijmans N.V. - STND OPT | 16-11-2018  | 8,8000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,7600     | 1    | 0            | 22            | 22-10-2018         |
| O                | HEY                       | Heijmans N.V. - STND OPT | 16-11-2018  | 8,8000         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,4400     | 0    | 0            | 42            | 22-10-2018         |
| O                | HEY                       | Heijmans N.V. - STND OPT | 16-11-2018  | 9,0000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,6500     | 1    | 0            | 0             | 22-10-2018         |
| O                | HEY                       | Heijmans N.V. - STND OPT | 16-11-2018  | 9,0000         | P                 | EUR               | 0,5500  | 0,5500  | 0,5000  | 2           | 0,5000  | 0,5400     | 1    | 4            | 3             | 22-10-2018         |
| O                | HEY                       | Heijmans N.V. - STND OPT | 16-11-2018  | 9,2000         | C                 | EUR               | 0,6000  | 0,6000  | 0,5500  | 2           | 0,5500  | 0,5500     | 1    | 8            | 9             | 22-10-2018         |
| O                | HEY                       | Heijmans N.V. - STND OPT | 16-11-2018  | 9,2000         | P                 | EUR               | 0,5000  | 0,5000  | 0,5000  | 4           | 0,5000  | 0,6300     | 1    | 34           | 66            | 22-10-2018         |
| O                | HEY                       | Heijmans N.V. - STND OPT | 16-11-2018  | 9,4000         | C                 | EUR               | 0,6500  | 0,6500  | 0,6500  | 1           | 0,6500  | 0,4800     | 0    | 10           | 15            | 22-10-2018         |
| O                | HEY                       | Heijmans N.V. - STND OPT | 16-11-2018  | 9,4000         | P                 | EUR               | 0,6000  | 0,6000  | 0,6000  | 2           | 0,6000  | 0,7600     | 1    | 10           | 15            | 22-10-2018         |
| O                | HEY                       | Heijmans N.V. - STND OPT | 16-11-2018  | 9,6000         | C                 | EUR               | 0,5000  | 0,5000  | 0,3900  | 7           | 0,4000  | 0,3800     | 0    | 24           | 41            | 22-10-2018         |
| O                | HEY                       | Heijmans N.V. - STND OPT | 16-11-2018  | 9,6000         | P                 | EUR               | 0,8500  | 0,8500  | 0,7000  | 8           | 0,7000  | 0,8700     | 1    | 136          | 128           | 22-10-2018         |
| O                | HEY                       | Heijmans N.V. - STND OPT | 16-11-2018  | 9,8000         | C                 | EUR               | 0,3400  | 0,3400  | 0,3400  | 1           | 0,3400  | 0,3200     | 0    | 1            | 25            | 22-10-2018         |
| O                | HEY                       | Heijmans N.V. - STND OPT | 16-11-2018  | 9,8000         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,0100     | 1    | 0            | 10            | 22-10-2018         |
| O                | HEY                       | Heijmans N.V. - STND OPT | 16-11-201   |                |                   |                   |         |         |         |             |         |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name          | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|--------------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | HEY                       | Heijmans N.V. - STND OPT | 16-11-2018  | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9400     |      | 3            | 0             | 642 22-10-2018     |
| O                | HEY                       | Heijmans N.V. - STND OPT | 16-11-2018  | 12,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     |      | 0            | 0             | 116 22-10-2018     |
| O                | HEY                       | Heijmans N.V. - STND OPT | 16-11-2018  | 12,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4200     |      | 3            | 0             | 346 22-10-2018     |
| O                | HEY                       | Heijmans N.V. - STND OPT | 16-11-2018  | 13,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 0             | 134 22-10-2018     |
| O                | HEY                       | Heijmans N.V. - STND OPT | 16-11-2018  | 13,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9000     |      | 4            | 0             | 416 22-10-2018     |
| O                | HEY                       | Heijmans N.V. - STND OPT | 16-11-2018  | 13,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 238 22-10-2018     |
| O                | HEY                       | Heijmans N.V. - STND OPT | 16-11-2018  | 13,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,4000     |      | 4            | 0             | 107 22-10-2018     |
| O                | HEY                       | Heijmans N.V. - STND OPT | 16-11-2018  | 14,0000        | C                 | EUR               | 0,0200 | 0,0200 | 0,0200 | 1           | 0,0200 | 0,0100     |      | 0            | 5             | 99 22-10-2018      |
| O                | HEY                       | Heijmans N.V. - STND OPT | 16-11-2018  | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,8900     |      | 5            | 0             | 30 22-10-2018      |
| O                | HEY                       | Heijmans N.V. - STND OPT | 16-11-2018  | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 5 22-10-2018       |
| O                | HEY                       | Heijmans N.V. - STND OPT | 16-11-2018  | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,8900     |      | 6            | 0             | 7 22-10-2018       |
| O                | HEY                       | Heijmans N.V. - STND OPT | 16-11-2018  | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 22-10-2018         |
| O                | HEY                       | Heijmans N.V. - STND OPT | 16-11-2018  | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,8900     |      | 7            | 0             | 0 22-10-2018       |
| O                | HEY                       | Heijmans N.V. - STND OPT | 21-12-2018  | 6,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2000     |      | 3            | 0             | 45 22-10-2018      |
| O                | HEY                       | Heijmans N.V. - STND OPT | 21-12-2018  | 6,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     |      | 0            | 0             | 33 22-10-2018      |
| O                | HEY                       | Heijmans N.V. - STND OPT | 21-12-2018  | 7,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2700     |      | 2            | 0             | 28 22-10-2018      |
| O                | HEY                       | Heijmans N.V. - STND OPT | 21-12-2018  | 7,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1600     |      | 0            | 0             | 18 22-10-2018      |
| O                | HEY                       | Heijmans N.V. - STND OPT | 21-12-2018  | 8,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4400     |      | 1            | 0             | 36 22-10-2018      |
| O                | HEY                       | Heijmans N.V. - STND OPT | 21-12-2018  | 8,0000         | P                 | EUR               | 0,3200 | 0,3200 | 0,3200 | 1           | 0,3200 | 0,3400     |      | 0            | 2             | 204 22-10-2018     |
| O                | HEY                       | Heijmans N.V. - STND OPT | 21-12-2018  | 8,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1000     |      | 1            | 0             | 20 22-10-2018      |
| O                | HEY                       | Heijmans N.V. - STND OPT | 21-12-2018  | 8,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4900     |      | 0            | 0             | 315 22-10-2018     |
| O                | HEY                       | Heijmans N.V. - STND OPT | 21-12-2018  | 8,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9200     |      | 1            | 0             | 5 22-10-2018       |
| O                | HEY                       | Heijmans N.V. - STND OPT | 21-12-2018  | 8,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6100     |      | 1            | 0             | 0 22-10-2018       |
| O                | HEY                       | Heijmans N.V. - STND OPT | 21-12-2018  | 9,0000         | C                 | EUR               | 0,8500 | 0,8500 | 0,8500 | 1           | 0,8500 | 0,8100     |      | 1            | 1             | 453 22-10-2018     |
| O                | HEY                       | Heijmans N.V. - STND OPT | 21-12-2018  | 9,0000         | P                 | EUR               | 0,7500 | 0,7500 | 0,7000 | 6           | 0,7000 | 0,7100     |      | 1            | 6             | 183 22-10-2018     |
| O                | HEY                       | Heijmans N.V. - STND OPT | 21-12-2018  | 9,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7100     |      | 1            | 0             | 13 22-10-2018      |
| O                | HEY                       | Heijmans N.V. - STND OPT | 21-12-2018  | 9,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8100     |      | 1            | 0             | 0 22-10-2018       |
| O                | HEY                       | Heijmans N.V. - STND OPT | 21-12-2018  | 9,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6200     |      | 1            | 0             | 0 22-10-2018       |
| O                | HEY                       | Heijmans N.V. - STND OPT | 21-12-2018  | 9,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9200     |      | 1            | 0             | 10 22-10-2018      |
| O                | HEY                       | Heijmans N.V. - STND OPT | 21-12-2018  | 9,5000         | C                 | EUR               | 0,7100 | 0,7100 | 0,6000 | 2           | 0,6000 | 0,5800     |      | 1            | 7             | 90 22-10-2018      |
| O                | HEY                       | Heijmans N.V. - STND OPT | 21-12-2018  | 9,5000         | P                 | EUR               | 0,9500 | 0,9500 | 0,9500 | 1           | 0,9500 | 0,9800     |      | 1            | 3             | 154 22-10-2018     |
| O                | HEY                       | Heijmans N.V. - STND OPT | 21-12-2018  | 9,6000         | C                 | EUR               | 0,6500 | 0,6500 | 0,6500 | 1           | 0,6500 | 0,5400     |      | 1            | 5             | 16 22-10-2018      |
| O                | HEY                       | Heijmans N.V. - STND OPT | 21-12-2018  | 9,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0400     |      | 1            | 0             | 150 22-10-2018     |
| O                | HEY                       | Heijmans N.V. - STND OPT | 21-12-2018  | 9,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4700     |      | 0            | 0             | 5 22-10-2018       |
| O                | HEY                       | Heijmans N.V. - STND OPT | 21-12-2018  | 9,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1700     |      | 1            | 0             | 0 22-10-2018       |
| O                | HEY                       | Heijmans N.V. - STND OPT | 21-12-2018  | 10,0000        | C                 | EUR               | 0,5000 | 0,5000 | 0,4200 | 11          | 0,4200 | 0,4100     |      | 0            | 67            | 618 22-10-2018     |
| O                | HEY                       | Heijmans N.V. - STND OPT | 21-12-2018  | 10,0000        | P                 | EUR               | 1,2500 | 1,2500 | 1,2500 | 4           | 1,2500 | 1,3100     |      | 1            | 50            | 1869 22-10-2018    |
| O                | HEY                       | Heijmans N.V. - STND OPT | 21-12-2018  | 10,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2900     |      | 0            | 0             | 0 22-10-2018       |
| O                | HEY                       | Heijmans N.V. - STND OPT | 21-12-2018  | 10,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6900     |      | 2            | 0             | 0 22-10-2018       |
| O                | HEY                       | Heijmans N.V. - STND OPT | 21-12-2018  | 11,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2100     |      | 0            | 0             | 321 22-10-2018     |
| O                | HEY                       | Heijmans N.V. - STND OPT | 21-12-2018  | 11,0000        | P                 | EUR               | 2,0000 | 2,1000 | 2,0000 | 2           | 2,1000 | 2,1100     |      | 2            | 11            | 807 22-10-2018     |
| O                | HEY                       | Heijmans N.V. - STND OPT | 21-12-2018  | 11,5000        | C                 | EUR               | 0,1700 | 0,1700 | 0,1700 | 1           | 0,1700 | 0,1500     |      | 0            | 1             | 4 22-10-2018       |
| O                | HEY                       | Heijmans N.V. - STND OPT | 21-12-2018  | 11,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5500     |      | 3            | 0             | 23 22-10-2018      |
| O                | HEY                       | Heijmans N.V. - STND OPT | 21-12-2018  | 12,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     |      | 0            | 0             | 2893 22-10-2018    |
| O                | HEY                       | Heijmans N.V. - STND OPT | 21-12-2018  | 12,0000        | P                 | EUR               | 3,0000 | 3,0000 | 2,9500 | 11          | 2,9500 | 3,0100     |      | 3            | 208           | 1402 22-10-2018    |
| O                | HEY                       | Heijmans N.V. - STND OPT | 21-12-2018  | 12,5000        | C                 | EUR               | 0,1000 | 0,1000 | 0,0900 | 3           | 0,0900 | 0,0800     |      | 0            | 4             | 29 22-10-2018      |
| O                | HEY                       | Heijmans N.V. - STND OPT | 21-12-2018  | 12,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4800     |      | 3            | 0             | 27 22-10-2018      |
| O                | HEY                       | Heijmans N.V. - STND OPT | 21-12-2018  | 13,0000        | C                 | EUR               | 0,0700 | 0,0700 | 0,0700 | 1           | 0,0700 | 0,0600     |      | 0            | 5             | 5174 22-10-2018    |
| O                | HEY                       | Heijmans N.V. - STND OPT | 21-12-2018  | 13,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9600     |      | 4            | 0             | 131 22-10-2018     |
| O                | HEY                       | Heijmans N.V. - STND OPT | 21-12-2018  | 13,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     |      | 0            | 0             | 1 22-10-2018       |
| O                | HEY                       | Heijmans N.V. - STND OPT | 21-12-2018  | 13,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,4500     |      | 4            | 0             | 0 22-10-2018       |
| O                | HEY                       | Heijmans N.V. - STND OPT | 21-12-2018  | 14,0000        | C                 | EUR               | 0,0400 | 0,0400 | 0,0400 | 1           | 0,0400 | 0,0300     |      | 0            | 1             | 498 22-10-2018     |
| O                | HEY                       | Heijmans N.V. - STND OPT | 21-12-2018  | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,9400     |      | 5            | 0             | 171 22-10-2018     |
| O                | HEY                       | Heijmans N.V. - STND OPT | 21-12-2018  | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 0             | 0 22-10-2018       |
| O                | HEY                       | Heijmans N.V. - STND OPT | 21-12-2018  | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,9200     |      | 6            | 0             | 1 22-10-2018       |
| O                | HEY                       | Heijmans N.V. - STND OPT | 21-12-2018  | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 115 22-10-2018     |
| O                | HEY                       | Heijmans N.V. - STND OPT | 21-12-2018  | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,9100     |      | 7            | 0             | 55 22-10-2018      |
| O                | HEY                       | Heijmans N.V. - STND OPT | 21-12-2018  | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 28 22-10-2018      |
| O                | HEY                       | Heijmans N.V. - STND OPT | 21-12-2018  | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,9100     |      | 9            | 0             | 54 22-10-2018      |
| O                | HEY                       | Heijmans N.V. - STND OPT | 21-12-2018  | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 105 22-10-2018     |
| O                | HEY                       | Heijmans N.V. - STND OPT | 21-12-2018  | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,9100    |      | 11           | 0             | 20 22-10-2018      |
| O                | HEY                       | Heijmans N.V. - STND OPT | 18-1-2019   | 8,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4900     |      | 1            | 0             | 0 22-10-2018       |
| O                | HEY                       | Heijmans N.V. - STND OPT | 18-1-2019   | 8,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3900     |      | 0            | 0             | 0 22-10-2018       |
| O                | HEY                       | Heijmans N.V. - STND OPT | 18-1-2019   | 8,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2200     |      | 1            | 0             | 0 22-10-2018       |
| O                | HEY                       | Heijmans N.V. - STND OPT | 18-1-2019   | 8,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5300     |      | 1            | 0             | 0 22-10-2018       |
| O                | HEY                       | Heijmans N.V. - STND OPT | 18-1-2019   | 8,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9900     |      | 1            | 0             | 0 22-10-2018       |
| O                | HEY                       | Heijmans N.V. - STND OPT | 18-1-2019   | 8,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7000     |      | 1            | 0             | 0 22-10-2018       |
| O                | HEY                       | Heijmans N.V. - STND OPT | 18-1-2019   | 9,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8700     |      | 1            | 0             | 0 22-10-2018       |
| O                | HEY                       | Heijmans N.V. - STND OPT | 18-1-2019   | 9,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7700     |      | 1            | 0             | 0 22-10-2018       |
| O                | HEY                       | Heijmans N.V. - STND OPT | 18-1-2019   | 9,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7700     |      | 1            | 0             | 0 22-10-2018       |
| O                | HEY                       | Heijmans N.V. - STND OPT | 18-1-2019   | 9,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8800     |      | 1            | 0             | 0 22-10-2018       |
| O                | HEY                       | Heijmans N.V. - STND OPT | 18-1-2019   | 9,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6700     |      | 1            | 0             | 0 22-10-2018       |
| O                | HEY                       | Heijmans N.V. - STND OPT | 18-1-2019   | 9,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9800     |      | 1            | 0             | 0 22-10-2018       |
| O                | HEY                       | Heijmans N.V. - STND OPT | 18-1-2019   | 9,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6300     |      | 1            | 0             | 0 22-10-2018       |
| O                | HEY                       | Heijmans N.V. - STND OPT | 18-1-2019   | 9,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1300     |      | 1            | 0             | 0 22-              |



| Instrument Type* | Instrument Trading Symbol | Instrument Name                           | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|---|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | HEY                       | Heijmans N.V. - STND OPT                  | 15-3-2019   | 8,0000         | C                 | EUR               | 1,7000 | 1,7000 | 1,7000 | 1           | 1,7000 | 1,6900     | 2    | 5            | 60            | 22-10-2018         |
| O                | HEY                       | Heijmans N.V. - STND OPT                  | 15-3-2019   | 8,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5900     | 1    | 0            | 13            | 22-10-2018         |
| O                | HEY                       | Heijmans N.V. - STND OPT                  | 15-3-2019   | 8,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3800     | 1    | 0            | 0             | 22-10-2018         |
| O                | HEY                       | Heijmans N.V. - STND OPT                  | 15-3-2019   | 8,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7900     | 1    | 0            | 1             | 22-10-2018         |
| O                | HEY                       | Heijmans N.V. - STND OPT                  | 15-3-2019   | 9,0000         | C                 | EUR               | 1,2700 | 1,2700 | 1,2700 | 1           | 1,2700 | 1,1200     | 1    | 1            | 771           | 22-10-2018         |
| O                | HEY                       | Heijmans N.V. - STND OPT                  | 15-3-2019   | 9,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0300     | 1    | 0            | 101           | 22-10-2018         |
| O                | HEY                       | Heijmans N.V. - STND OPT                  | 15-3-2019   | 9,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9000     | 1    | 0            | 25            | 22-10-2018         |
| O                | HEY                       | Heijmans N.V. - STND OPT                  | 15-3-2019   | 9,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3100     | 1    | 0            | 55            | 22-10-2018         |
| O                | HEY                       | Heijmans N.V. - STND OPT                  | 15-3-2019   | 10,0000        | C                 | EUR               | 0,7500 | 0,7500 | 0,7500 | 2           | 0,7500 | 0,7100     | 1    | 33           | 463           | 22-10-2018         |
| O                | HEY                       | Heijmans N.V. - STND OPT                  | 15-3-2019   | 10,0000        | P                 | EUR               | 1,6000 | 1,6000 | 1,6000 | 1           | 1,6000 | 1,6200     | 2    | 5            | 485           | 22-10-2018         |
| O                | HEY                       | Heijmans N.V. - STND OPT                  | 15-3-2019   | 11,0000        | C                 | EUR               | 0,5000 | 0,5000 | 0,5000 | 1           | 0,5000 | 0,4400     | 0    | 25           | 509           | 22-10-2018         |
| O                | HEY                       | Heijmans N.V. - STND OPT                  | 15-3-2019   | 11,0000        | P                 | EUR               | 2,3500 | 2,3500 | 2,3500 | 1           | 2,3500 | 2,3600     | 2    | 5            | 225           | 22-10-2018         |
| O                | HEY                       | Heijmans N.V. - STND OPT                  | 15-3-2019   | 12,0000        | C                 | EUR               | 0,3300 | 0,3300 | 0,3000 | 3           | 0,3000 | 0,2900     | 0    | 7            | 194           | 22-10-2018         |
| O                | HEY                       | Heijmans N.V. - STND OPT                  | 15-3-2019   | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2000     | 3    | 0            | 443           | 22-10-2018         |
| O                | HEY                       | Heijmans N.V. - STND OPT                  | 15-3-2019   | 13,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1800     | 0    | 0            | 2141          | 22-10-2018         |
| O                | HEY                       | Heijmans N.V. - STND OPT                  | 15-3-2019   | 13,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,1000     | 4    | 0            | 386           | 22-10-2018         |
| O                | HEY                       | Heijmans N.V. - STND OPT                  | 15-3-2019   | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     | 0    | 0            | 317           | 22-10-2018         |
| O                | HEY                       | Heijmans N.V. - STND OPT                  | 15-3-2019   | 14,0000        | P                 | EUR               | 5,0500 | 5,0500 | 5,0500 | 1           | 5,0500 | 5,0400     | 5    | 1            | 227           | 22-10-2018         |
| O                | HEY                       | Heijmans N.V. - STND OPT                  | 15-3-2019   | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 0            | 78            | 22-10-2018         |
| O                | HEY                       | Heijmans N.V. - STND OPT                  | 15-3-2019   | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,9800     | 7    | 0            | 133           | 22-10-2018         |
| O                | HEY                       | Heijmans N.V. - STND OPT                  | 15-3-2019   | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     | 0    | 0            | 130           | 22-10-2018         |
| O                | HEY                       | Heijmans N.V. - STND OPT                  | 15-3-2019   | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,9600     | 9    | 0            | 40            | 22-10-2018         |
| O                | HEY                       | Heijmans N.V. - STND OPT                  | 15-3-2019   | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 130           | 22-10-2018         |
| O                | HEY                       | Heijmans N.V. - STND OPT                  | 15-3-2019   | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,9500    | 11   | 0            | 220           | 22-10-2018         |
| O                | HEY                       | Heijmans N.V. - STND OPT                  | 21-6-2019   | 6,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3300     | 3    | 0            | 0             | 22-10-2018         |
| O                | HEY                       | Heijmans N.V. - STND OPT                  | 21-6-2019   | 6,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3000     | 0    | 0            | 28            | 22-10-2018         |
| O                | HEY                       | Heijmans N.V. - STND OPT                  | 21-6-2019   | 7,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5400     | 3    | 0            | 29            | 22-10-2018         |
| O                | HEY                       | Heijmans N.V. - STND OPT                  | 21-6-2019   | 7,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5300     | 1    | 0            | 11            | 22-10-2018         |
| O                | HEY                       | Heijmans N.V. - STND OPT                  | 21-6-2019   | 8,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8600     | 2    | 0            | 69            | 22-10-2018         |
| O                | HEY                       | Heijmans N.V. - STND OPT                  | 21-6-2019   | 8,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8600     | 1    | 0            | 61            | 22-10-2018         |
| O                | HEY                       | Heijmans N.V. - STND OPT                  | 21-6-2019   | 8,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5800     | 2    | 0            | 0             | 22-10-2018         |
| O                | HEY                       | Heijmans N.V. - STND OPT                  | 21-6-2019   | 8,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0900     | 1    | 0            | 0             | 22-10-2018         |
| O                | HEY                       | Heijmans N.V. - STND OPT                  | 21-6-2019   | 9,0000         | C                 | EUR               | 1,4000 | 1,4000 | 1,4000 | 6           | 1,4000 | 1,3000     | 1    | 13           | 65            | 22-10-2018         |
| O                | HEY                       | Heijmans N.V. - STND OPT                  | 21-6-2019   | 9,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3200     | 1    | 0            | 43            | 22-10-2018         |
| O                | HEY                       | Heijmans N.V. - STND OPT                  | 21-6-2019   | 9,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1200     | 1    | 0            | 0             | 22-10-2018         |
| O                | HEY                       | Heijmans N.V. - STND OPT                  | 21-6-2019   | 9,5000         | P                 | EUR               | 1,5500 | 1,6000 | 1,5500 | 3           | 1,6000 | 1,6500     | 2    | 23           | 25            | 22-10-2018         |
| O                | HEY                       | Heijmans N.V. - STND OPT                  | 21-6-2019   | 10,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9300     | 1    | 0            | 139           | 22-10-2018         |
| O                | HEY                       | Heijmans N.V. - STND OPT                  | 21-6-2019   | 10,0000        | P                 | EUR               | 1,9000 | 1,9000 | 1,9000 | 1           | 1,9000 | 1,9600     | 2    | 33           | 232           | 22-10-2018         |
| O                | HEY                       | Heijmans N.V. - STND OPT                  | 21-6-2019   | 11,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6800     | 1    | 0            | 208           | 22-10-2018         |
| O                | HEY                       | Heijmans N.V. - STND OPT                  | 21-6-2019   | 11,0000        | P                 | EUR               | 2,6000 | 2,6500 | 2,5500 | 19          | 2,6500 | 2,7200     | 3    | 505          | 539           | 22-10-2018         |
| O                | HEY                       | Heijmans N.V. - STND OPT                  | 21-6-2019   | 12,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4900     | 0    | 0            | 89            | 22-10-2018         |
| O                | HEY                       | Heijmans N.V. - STND OPT                  | 21-6-2019   | 12,0000        | P                 | EUR               | 3,4300 | 3,4500 | 3,4300 | 2           | 3,4500 | 3,5300     | 4    | 33           | 68            | 22-10-2018         |
| O                | HEY                       | Heijmans N.V. - STND OPT                  | 21-6-2019   | 13,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3400     | 0    | 0            | 86            | 22-10-2018         |
| O                | HEY                       | Heijmans N.V. - STND OPT                  | 21-6-2019   | 13,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,3800     | 4    | 0            | 83            | 22-10-2018         |
| O                | HEY                       | Heijmans N.V. - STND OPT                  | 21-6-2019   | 14,0000        | C                 | EUR               | 0,2400 | 0,2400 | 0,2400 | 1           | 0,2400 | 0,2400     | 0    | 5            | 72            | 22-10-2018         |
| O                | HEY                       | Heijmans N.V. - STND OPT                  | 21-6-2019   | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,2900     | 5    | 0            | 62            | 22-10-2018         |
| O                | HEY                       | Heijmans N.V. - STND OPT                  | 21-6-2019   | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     | 0    | 0            | 12            | 22-10-2018         |
| O                | HEY                       | Heijmans N.V. - STND OPT                  | 21-6-2019   | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,1800     | 7    | 0            | 76            | 22-10-2018         |
| O                | HEY                       | Heijmans N.V. - STND OPT                  | 21-6-2019   | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     | 0    | 0            | 10            | 22-10-2018         |
| O                | HEY                       | Heijmans N.V. - STND OPT                  | 21-6-2019   | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,1300     | 9    | 0            | 45            | 22-10-2018         |
| O                | HEY                       | Heijmans N.V. - STND OPT                  | 21-6-2019   | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 0             | 22-10-2018         |
| O                | HEY                       | Heijmans N.V. - STND OPT                  | 21-6-2019   | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,1100    | 11   | 0            | 271           | 22-10-2018         |
| F                | HG6                       | Hexagon B - Stock Future                  | 16-11-2018  | 0,0000         | SEK               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 458,0750   | 458  | 0            | 0             | 22-10-2018         |
| F                | HG6                       | Hexagon B - Stock Future                  | 21-12-2018  | 0,0000         | SEK               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 457,9169   | 458  | 0            | 0             | 22-10-2018         |
| F                | HG6                       | Hexagon B - Stock Future                  | 18-1-2019   | 0,0000         | SEK               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 457,8043   | 458  | 0            | 0             | 22-10-2018         |
| F                | HG6                       | Hexagon B - Stock Future                  | 15-3-2019   | 0,0000         | SEK               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 457,5666   | 458  | 0            | 0             | 22-10-2018         |
| F                | HG6                       | Hexagon B - Stock Future                  | 21-6-2019   | 0,0000         | SEK               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 451,1407   | 451  | 0            | 0             | 22-10-2018         |
| F                | HG6                       | Hexagon B - Stock Future                  | 20-9-2019   | 0,0000         | SEK               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 450,9459   | 451  | 0            | 0             | 22-10-2018         |
| F                | HH6                       | Heineken Holding NV - Stock Future        | 16-11-2018  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 76,7790    | 77   | 0            | 0             | 22-10-2018         |
| F                | HH6                       | Heineken Holding NV - Stock Future        | 21-12-2018  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 76,7495    | 77   | 0            | 0             | 22-10-2018         |
| F                | HH6                       | Heineken Holding NV - Stock Future        | 18-1-2019   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 76,7260    | 77   | 0            | 0             | 22-10-2018         |
| F                | HH6                       | Heineken Holding NV - Stock Future        | 15-3-2019   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 76,7001    | 77   | 0            | 0             | 22-10-2018         |
| F                | HH6                       | Heineken Holding NV - Stock Future        | 21-6-2019   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 75,6326    | 76   | 0            | 0             | 22-10-2018         |
| F                | HH6                       | Heineken Holding NV - Stock Future        | 20-9-2019   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 74,9407    | 75   | 0            | 0             | 22-10-2018         |
| F                | HK6                       | Henkel AG & CO KGaA - PREF - Stock Future | 16-11-2018  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 96,4936    | 96   | 0            | 0             | 22-10-2018         |
| F                | HK6                       | Henkel AG & CO KGaA - PREF - Stock Future | 21-12-2018  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 96,4566    | 96   | 0            | 0             | 22-10-2018         |
| F                | HK6                       | Henkel AG & CO KGaA - PREF - Stock Future | 18-1-2019   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 96,4270    | 96   | 0            | 0             | 22-10-2018         |
| F                | HK6                       | Henkel AG & CO KGaA - PREF - Stock Future | 15-3-2019   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 96,3944    | 96   | 0            | 0             | 22-10-2018         |
| F                | HK6                       | Henkel AG & CO KGaA - PREF - Stock Future | 21-6-2019   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 94,4603    | 94   | 0            | 0             | 22-10-2018         |
| F                | HK6                       | Henkel AG & CO KGaA - PREF - Stock Future | 20-9-2019   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 94,3826    | 94   | 0            | 0             | 22-10-2018         |
| F                | HK8                       | Henkel pref - Dividend Future             | 21-12-2018  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7900     | 2    | 0            | 0             | 22-10-2018         |
| F                | HK8                       | Henkel pref - Dividend Future             | 20-12-2019  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6500     | 2    | 0            | 0             | 22-10-2018         |
| F                | HK8                       | Henkel pref - Dividend Future             | 18-12-2020  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5000     | 2    | 0            | 0             | 22-10-2018         |
| F                | HK8                       | Henkel pref - Dividend Future             | 17-12-2021  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5000     | 2    | 0            | 0             | 22-10-2018         |
| F                | HK8                       |   |             |                |                   |                   |        |        |        |             |        |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name  | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|--|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| F                | HM6                       | Hennes & Mauritz B - Stock Future                            | 21-6-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 153,6920   | 154  | 0            | 0             | 22-10-2018         |
| F                | HM6                       | Hennes & Mauritz B - Stock Future                            | 20-9-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 153,6262   | 154  | 0            | 0             | 22-10-2018         |
| F                | HM8                       | Hennes & Mauritz B - Dividend                                | 21-12-2018  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,7500     | 10   | 0            | 30            | 22-10-2018         |
| F                | HM8                       | Hennes & Mauritz B - Dividend                                | 20-12-2019  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,7500     | 9    | 0            | 0             | 22-10-2018         |
| F                | HM8                       | Hennes & Mauritz B - Dividend                                | 18-12-2020  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,5000     | 10   | 0            | 0             | 22-10-2018         |
| F                | HM8                       | Hennes & Mauritz B - Dividend                                | 17-12-2021  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,5000    | 11   | 0            | 0             | 22-10-2018         |
| F                | HM8                       | Hennes & Mauritz B - Dividend                                | 16-12-2022  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,5000    | 11   | 0            | 0             | 22-10-2018         |
| F                | HR6                       | Hannover Rueck SE - Stock Future                             | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 120,5670   | 121  | 0            | 0             | 22-10-2018         |
| F                | HR6                       | Hannover Rueck SE - Stock Future                             | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 120,5207   | 121  | 0            | 0             | 22-10-2018         |
| F                | HR6                       | Hannover Rueck SE - Stock Future                             | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 120,4838   | 120  | 0            | 0             | 22-10-2018         |
| F                | HR6                       | Hannover Rueck SE - Stock Future                             | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 120,4431   | 120  | 0            | 0             | 22-10-2018         |
| F                | HR6                       | Hannover Rueck SE - Stock Future                             | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 116,6379   | 117  | 0            | 0             | 22-10-2018         |
| F                | HR6                       | Hannover Rueck SE - Stock Future                             | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 116,5420   | 117  | 0            | 0             | 22-10-2018         |
| F                | HS6                       | HSBC Holdings - Stock Future                                 | 16-11-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 623,0100   | 623  | 0            | 0             | 22-10-2018         |
| F                | HS6                       | HSBC Holdings - Stock Future                                 | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 623,4000   | 623  | 0            | 0             | 22-10-2018         |
| F                | HS6                       | HSBC Holdings - Stock Future                                 | 18-1-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 623,7300   | 624  | 0            | 0             | 22-10-2018         |
| F                | HS6                       | HSBC Holdings - Stock Future                                 | 15-3-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 609,5700   | 610  | 0            | 0             | 22-10-2018         |
| F                | HS6                       | HSBC Holdings - Stock Future                                 | 21-6-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 603,8100   | 604  | 0            | 0             | 22-10-2018         |
| F                | HS6                       | HSBC Holdings - Stock Future                                 | 20-9-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 597,5900   | 598  | 0            | 0             | 22-10-2018         |
| F                | HS8                       | HSBC Holdings - Dividend Future                              | 21-12-2018  | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5100     | 1    | 0            | 0             | 22-10-2018         |
| F                | HS8                       | HSBC Holdings - Dividend Future                              | 20-12-2019  | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5100     | 1    | 0            | 0             | 22-10-2018         |
| F                | HS8                       | HSBC Holdings - Dividend Future                              | 18-12-2020  | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5100     | 1    | 0            | 0             | 22-10-2018         |
| F                | HS8                       | HSBC Holdings - Dividend Future                              | 17-12-2021  | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5100     | 1    | 0            | 0             | 22-10-2018         |
| F                | HS8                       | HSBC Holdings - Dividend Future                              | 16-12-2022  | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5100     | 1    | 0            | 0             | 22-10-2018         |
| F                | HT6                       | Hochtief AG - Stock Future                                   | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 129,9644   | 130  | 0            | 0             | 22-10-2018         |
| F                | HT6                       | Hochtief AG - Stock Future                                   | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 129,9145   | 130  | 0            | 0             | 22-10-2018         |
| F                | HT6                       | Hochtief AG - Stock Future                                   | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 129,8747   | 130  | 0            | 0             | 22-10-2018         |
| F                | HT6                       | Hochtief AG - Stock Future                                   | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 129,8309   | 130  | 0            | 0             | 22-10-2018         |
| F                | HT6                       | Hochtief AG - Stock Future                                   | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 124,9178   | 125  | 0            | 0             | 22-10-2018         |
| F                | HT6                       | Hochtief AG - Stock Future                                   | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 124,8151   | 125  | 0            | 0             | 22-10-2018         |
| F                | HX8                       | LafargeHolcim - Dividend Future                              | 21-12-2018  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0000     | 2    | 0            | 0             | 22-10-2018         |
| F                | HX8                       | LafargeHolcim - Dividend Future                              | 20-12-2019  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0000     | 2    | 0            | 0             | 22-10-2018         |
| F                | HX8                       | LafargeHolcim - Dividend Future                              | 18-12-2020  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0000     | 2    | 0            | 0             | 22-10-2018         |
| F                | HX8                       | LafargeHolcim - Dividend Future                              | 17-12-2021  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5000     | 3    | 0            | 0             | 22-10-2018         |
| F                | HX8                       | LafargeHolcim - Dividend Future                              | 16-12-2022  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5000     | 3    | 0            | 0             | 22-10-2018         |
| F                | IBO                       | Inditex - Dividend Future (old)                              | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5400     | 1    | 0            | 5             | 22-10-2018         |
| F                | IBX                       | Inditex - Dividend Future (old)                              | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5400     | 1    | 0            | 5             | 22-10-2018         |
| F                | IA6                       | NEX Group Plc - Stock Future                                 | 16-11-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1079,4500  | 1079 | 0            | 0             | 22-10-2018         |
| F                | IA6                       | NEX Group Plc - Stock Future                                 | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1075,3200  | 1075 | 0            | 0             | 22-10-2018         |
| F                | IA6                       | NEX Group Plc - Stock Future                                 | 18-1-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1075,8900  | 1076 | 0            | 0             | 22-10-2018         |
| F                | IA6                       | NEX Group Plc - Stock Future                                 | 15-3-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1077,1000  | 1077 | 0            | 0             | 22-10-2018         |
| F                | IA6                       | NEX Group Plc - Stock Future                                 | 21-6-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1079,4700  | 1079 | 0            | 0             | 22-10-2018         |
| F                | IA6                       | NEX Group Plc - Stock Future                                 | 20-9-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1071,8600  | 1072 | 0            | 0             | 22-10-2018         |
| F                | ID6                       | Iberdrola SA - Stock Future                                  | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,2503     | 6    | 0            | 0             | 22-10-2018         |
| F                | ID6                       | Iberdrola SA - Stock Future                                  | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,2479     | 6    | 0            | 0             | 22-10-2018         |
| F                | ID6                       | Iberdrola SA - Stock Future                                  | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,0960     | 6    | 0            | 0             | 22-10-2018         |
| F                | ID6                       | Iberdrola SA - Stock Future                                  | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,0940     | 6    | 0            | 0             | 22-10-2018         |
| F                | ID6                       | Iberdrola SA - Stock Future                                  | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,0886     | 6    | 0            | 0             | 22-10-2018         |
| F                | ID6                       | Iberdrola SA - Stock Future                                  | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,8937     | 6    | 0            | 0             | 22-10-2018         |
| F                | ID8                       | Iberdrola - Dividend Future                                  | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3260     | 0    | 0            | 0             | 22-10-2018         |
| F                | ID8                       | Iberdrola - Dividend Future                                  | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3400     | 0    | 0            | 0             | 22-10-2018         |
| F                | ID8                       | Iberdrola - Dividend Future                                  | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3600     | 0    | 0            | 0             | 22-10-2018         |
| F                | ID8                       | Iberdrola - Dividend Future                                  | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3900     | 0    | 0            | 0             | 22-10-2018         |
| F                | ID8                       | Iberdrola - Dividend Future                                  | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3900     | 0    | 0            | 0             | 22-10-2018         |
| O                | IEM                       | IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS) | 16-11-2018  | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,9400     | 5    | 0            | 0             | 22-10-2018         |
| O                | IEM                       | IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS) | 16-11-2018  | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     | 0    | 0            | 0             | 22-10-2018         |
| O                | IEM                       | IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS) | 16-11-2018  | 29,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,0000     | 4    | 0            | 0             | 22-10-2018         |
| O                | IEM                       | IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS) | 16-11-2018  | 29,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     | 0    | 0            | 0             | 22-10-2018         |
| O                | IEM                       | IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS) | 16-11-2018  | 29,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5300     | 4    | 0            | 0             | 22-10-2018         |
| O                | IEM                       | IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS) | 16-11-2018  | 29,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1700     | 0    | 0            | 0             | 22-10-2018         |
| O                | IEM                       | IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS) | 16-11-2018  | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0700     | 3    | 0            | 0             | 22-10-2018         |
| O                | IEM                       | IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS) | 16-11-2018  | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2000     | 0    | 0            | 1             | 22-10-2018         |
| O                | IEM                       | IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS) | 16-11-2018  | 31,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1900     | 2    | 0            | 0             | 22-10-2018         |
| O                | IEM                       | IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS) | 16-11-2018  | 31,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3200     | 0    | 0            | 3             | 22-10-2018         |
| O                | IEM                       | IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS) | 16-11-2018  | 32,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4100     | 1    | 0            | 0             | 22-10-2018         |
| O                | IEM                       | IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS) | 16-11-2018  | 32,0000        | P                 | EUR               | 0,5500 | 0,5500 | 0,5500 | 1           | 0,5500 | 0,5400     | 1    | 1            | 4             | 22-10-2018         |
| O                | IEM                       | IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS) | 16-11-2018  | 32,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0800     | 1    | 0            | 0             | 22-10-2018         |
| O                | IEM                       | IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS) | 16-11-2018  | 32,5000        | P                 | EUR               | 0,5500 | 0,5500 | 0,5500 | 1           | 0,5500 | 0,7100     | 1    | 1            | 1             | 22-10-2018         |
| O                | IEM                       | IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS) | 16-11-2018  | 33,0000        | C                 | EUR               | 0,7000 | 0,7500 | 0,7000 | 2           | 0,7500 | 0,8000     | 1    | 2            | 2             | 22-10-2018         |
| O                | IEM                       | IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS) | 16-11-2018  | 33,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9300     | 1    | 0            | 13            | 22-10-2018         |
| O                | IEM                       | IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS) | 16-11-2018  | 33,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5500     | 1    | 0            | 0             | 22-10-2018         |
| O                | IEM                       | IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS) | 16-11-2018  | 33,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1900     | 1    | 0            | 0             | 22-10-2018         |
| O                | IEM                       | IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS) | 16-11-2018  | 34,0000        | C                 | EUR               | 0,3500 | 0,3500 | 0,3500 | 2           | 0,3500 | 0,3700     | 0    | 8            | 5             | 22-10-2018         |
| O                | IEM                       | IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS) | 16-11-2018  | 34,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5100     | 2    | 0            | 6             | 22-10-2018         |
| O                | IEM                       | IEM Stock Option (Underlying: ISHARES MSCI EMERGING MARKETS) | 16-11-2018  | 35,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 |            |      |              |               |                    |



Euronext Amsterdam N.V. – Beursplein 5, Amsterdam – Tel: +31 (0) 20 721 4444



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| Instrument Type* | Instrument Trading Symbol | Instrument Name     | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|---------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| F                | IK6                       | Sika - Stock Future | 21-12-2018  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 121,3008   | 121  | 0            | 0             | 22-10-2018         |
| F                | IK6                       | Sika - Stock Future | 18-1-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 121,2457   | 121  | 0            | 0             | 22-10-2018         |
| F                | IK6                       | Sika - Stock Future | 15-3-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 121,1535   | 121  | 0            | 0             | 22-10-2018         |
| F                | IK6                       | Sika - Stock Future | 21-6-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 118,6868   | 119  | 0            | 0             | 22-10-2018         |
| F                | IK6                       | Sika - Stock Future | 20-9-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 118,5297   | 119  | 0            | 0             | 22-10-2018         |
| O                | IMD                       | IMCD - Stock Option | 16-11-2018  | 52,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,9600     | 8    | 0            | 0             | 22-10-2018         |
| O                | IMD                       | IMCD - Stock Option | 16-11-2018  | 52,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2700     | 0    | 0            | 0             | 22-10-2018         |
| O                | IMD                       | IMCD - Stock Option | 16-11-2018  | 54,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,1100     | 6    | 0            | 0             | 22-10-2018         |
| O                | IMD                       | IMCD - Stock Option | 16-11-2018  | 54,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4300     | 0    | 0            | 0             | 22-10-2018         |
| O                | IMD                       | IMCD - Stock Option | 16-11-2018  | 56,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,4300     | 4    | 0            | 25            | 22-10-2018         |
| O                | IMD                       | IMCD - Stock Option | 16-11-2018  | 56,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7400     | 1    | 0            | 13            | 22-10-2018         |
| O                | IMD                       | IMCD - Stock Option | 16-11-2018  | 58,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9400     | 3    | 0            | 0             | 22-10-2018         |
| O                | IMD                       | IMCD - Stock Option | 16-11-2018  | 58,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2600     | 1    | 0            | 0             | 22-10-2018         |
| O                | IMD                       | IMCD - Stock Option | 16-11-2018  | 59,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2600     | 2    | 0            | 0             | 22-10-2018         |
| O                | IMD                       | IMCD - Stock Option | 16-11-2018  | 59,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5800     | 2    | 0            | 0             | 22-10-2018         |
| O                | IMD                       | IMCD - Stock Option | 16-11-2018  | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7200     | 2    | 0            | 3             | 22-10-2018         |
| O                | IMD                       | IMCD - Stock Option | 16-11-2018  | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0400     | 2    | 0            | 3             | 22-10-2018         |
| O                | IMD                       | IMCD - Stock Option | 16-11-2018  | 62,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8900     | 1    | 0            | 8             | 22-10-2018         |
| O                | IMD                       | IMCD - Stock Option | 16-11-2018  | 62,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2100     | 3    | 0            | 4             | 22-10-2018         |
| O                | IMD                       | IMCD - Stock Option | 16-11-2018  | 64,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4100     | 0    | 0            | 15            | 22-10-2018         |
| O                | IMD                       | IMCD - Stock Option | 16-11-2018  | 64,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,7300     | 5    | 0            | 13            | 22-10-2018         |
| O                | IMD                       | IMCD - Stock Option | 16-11-2018  | 66,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1600     | 0    | 0            | 50            | 22-10-2018         |
| O                | IMD                       | IMCD - Stock Option | 16-11-2018  | 66,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,4700     | 6    | 0            | 22            | 22-10-2018         |
| O                | IMD                       | IMCD - Stock Option | 16-11-2018  | 68,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 0            | 15            | 22-10-2018         |
| O                | IMD                       | IMCD - Stock Option | 16-11-2018  | 68,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,3800     | 8    | 0            | 0             | 22-10-2018         |
| O                | IMD                       | IMCD - Stock Option | 16-11-2018  | 70,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 7             | 22-10-2018         |
| O                | IMD                       | IMCD - Stock Option | 16-11-2018  | 70,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,3400    | 10   | 0            | 0             | 22-10-2018         |
| O                | IMD                       | IMCD - Stock Option | 16-11-2018  | 72,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 31            | 22-10-2018         |
| O                | IMD                       | IMCD - Stock Option | 16-11-2018  | 72,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,3300    | 12   | 0            | 0             | 22-10-2018         |
| O                | IMD                       | IMCD - Stock Option | 16-11-2018  | 76,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 1             | 22-10-2018         |
| O                | IMD                       | IMCD - Stock Option | 16-11-2018  | 76,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,3200    | 16   | 0            | 0             | 22-10-2018         |
| O                | IMD                       | IMCD - Stock Option | 16-11-2018  | 80,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 1             | 22-10-2018         |
| O                | IMD                       | IMCD - Stock Option | 16-11-2018  | 80,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 20,3200    | 20   | 0            | 0             | 22-10-2018         |
| O                | IMD                       | IMCD - Stock Option | 21-12-2018  | 52,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,2500     | 8    | 0            | 0             | 22-10-2018         |
| O                | IMD                       | IMCD - Stock Option | 21-12-2018  | 52,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5800     | 1    | 0            | 0             | 22-10-2018         |
| O                | IMD                       | IMCD - Stock Option | 21-12-2018  | 54,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,5300     | 7    | 0            | 0             | 22-10-2018         |
| O                | IMD                       | IMCD - Stock Option | 21-12-2018  | 54,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8600     | 1    | 0            | 0             | 22-10-2018         |
| O                | IMD                       | IMCD - Stock Option | 21-12-2018  | 56,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,9000     | 5    | 0            | 0             | 22-10-2018         |
| O                | IMD                       | IMCD - Stock Option | 21-12-2018  | 56,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2400     | 1    | 0            | 1             | 22-10-2018         |
| O                | IMD                       | IMCD - Stock Option | 21-12-2018  | 58,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5200     | 4    | 0            | 0             | 22-10-2018         |
| O                | IMD                       | IMCD - Stock Option | 21-12-2018  | 58,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8600     | 2    | 0            | 2             | 22-10-2018         |
| O                | IMD                       | IMCD - Stock Option | 21-12-2018  | 59,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9400     | 3    | 0            | 0             | 22-10-2018         |
| O                | IMD                       | IMCD - Stock Option | 21-12-2018  | 59,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2800     | 2    | 0            | 2             | 22-10-2018         |
| O                | IMD                       | IMCD - Stock Option | 21-12-2018  | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3700     | 2    | 0            | 0             | 22-10-2018         |
| O                | IMD                       | IMCD - Stock Option | 21-12-2018  | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7100     | 3    | 0            | 7             | 22-10-2018         |
| O                | IMD                       | IMCD - Stock Option | 21-12-2018  | 62,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4900     | 1    | 0            | 10            | 22-10-2018         |
| O                | IMD                       | IMCD - Stock Option | 21-12-2018  | 62,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8300     | 4    | 0            | 1             | 22-10-2018         |
| O                | IMD                       | IMCD - Stock Option | 21-12-2018  | 64,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8900     | 1    | 0            | 6             | 22-10-2018         |
| O                | IMD                       | IMCD - Stock Option | 21-12-2018  | 64,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,2300     | 5    | 0            | 3             | 22-10-2018         |
| O                | IMD                       | IMCD - Stock Option | 21-12-2018  | 66,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5400     | 1    | 0            | 1             | 22-10-2018         |
| O                | IMD                       | IMCD - Stock Option | 21-12-2018  | 66,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,8800     | 7    | 0            | 0             | 22-10-2018         |
| O                | IMD                       | IMCD - Stock Option | 21-12-2018  | 68,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2900     | 0    | 0            | 1             | 22-10-2018         |
| O                | IMD                       | IMCD - Stock Option | 21-12-2018  | 68,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,6400     | 9    | 0            | 0             | 22-10-2018         |
| O                | IMD                       | IMCD - Stock Option | 21-12-2018  | 70,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1800     | 0    | 0            | 0             | 22-10-2018         |
| O                | IMD                       | IMCD - Stock Option | 21-12-2018  | 70,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,5200    | 11   | 0            | 0             | 22-10-2018         |
| O                | IMD                       | IMCD - Stock Option | 21-12-2018  | 72,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1500     | 0    | 0            | 0             | 22-10-2018         |
| O                | IMD                       | IMCD - Stock Option | 21-12-2018  | 72,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,4900    | 12   | 0            | 0             | 22-10-2018         |
| O                | IMD                       | IMCD - Stock Option | 21-12-2018  | 76,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     | 0    | 0            | 0             | 22-10-2018         |
| O                | IMD                       | IMCD - Stock Option | 21-12-2018  | 76,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,4700    | 16   | 0            | 0             | 22-10-2018         |
| O                | IMD                       | IMCD - Stock Option | 21-12-2018  | 80,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     | 0    | 0            | 0             | 22-10-2018         |
| O                | IMD                       | IMCD - Stock Option | 21-12-2018  | 80,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 20,4200    | 20   | 0            | 0             | 22-10-2018         |
| O                | IMD                       | IMCD - Stock Option | 18-1-2019   | 54,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,7400     | 7    | 0            | 0             | 22-10-2018         |
| O                | IMD                       | IMCD - Stock Option | 18-1-2019   | 54,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0900     | 1    | 0            | 0             | 22-10-2018         |
| O                | IMD                       | IMCD - Stock Option | 18-1-2019   | 56,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,2100     | 5    | 0            | 0             | 22-10-2018         |
| O                | IMD                       | IMCD - Stock Option | 18-1-2019   | 56,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5600     | 2    | 0            | 0             | 22-10-2018         |
| O                | IMD                       | IMCD - Stock Option | 18-1-2019   | 58,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8800     | 4    | 0            | 0             | 22-10-2018         |
| O                | IMD                       | IMCD - Stock Option | 18-1-2019   | 58,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2300     | 2    | 0            | 0             | 22-10-2018         |
| O                | IMD                       | IMCD - Stock Option | 18-1-2019   | 59,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2700     | 3    | 0            | 0             | 22-10-2018         |
| O                | IMD                       | IMCD - Stock Option | 18-1-2019   | 59,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6300     | 3    | 0            | 0             | 22-10-2018         |
| O                | IMD                       | IMCD - Stock Option | 18-1-2019   | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6700     | 3    | 0            | 0             | 22-10-2018         |
| O                | IMD                       | IMCD - Stock Option | 18-1-2019   | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0300     | 3    | 0            | 0             | 22-10-2018         |
| O                | IMD                       | IMCD - Stock Option | 18-1-2019   | 62,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8200     | 2    | 0            | 0             | 22-10-2018         |
| O                | IMD                       | IMCD - Stock Option | 18-1-2019   | 62,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,1800     | 4    | 0            | 0             | 22-10-2018         |
| O                | IMD                       | IMCD - Stock Option | 18-1-2019   | 64,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1700     | 1    | 0            | 0             | 22-10-2018         |
| O                | IMD                       | IMCD - Stock Option | 18-1-2019   | 64,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,5300     | 6    | 0            | 0             | 22-10-2018         |
| O                | IMD                       | IMCD - Stock Option | 18-1-2019   | 68,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4800     | 0    | 0            | 0             | 22-10-2018         |
| O                | IMD                       | IMCD - Stock Option | 18-1-2019   | 68,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,8500     | 9    | 0            | 0             | 22-10-2018         |
| O                |                           |                     |             |                |                   |                   |        |        |        |             |        |            |      |              |               |                    |



Euronext Amsterdam N.V. – Beursplein 5, Amsterdam – Tel: +31 (0) 20 721 4444



Euronext Amsterdam N.V. – Beursplein 5, Amsterdam – Tel: +31 (0) 20 721 4444



Euronext Amsterdam N.V. – Beursplein 5, Amsterdam – Tel: +31 (0) 20 721 4444



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| Instrument Type* | Instrument Trading Symbol | Instrument Name                   | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|-----------------------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | ING                       | ING Groep - European Stock Option | 20-12-2019  | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5200     |      | 3            | 0             | 22-10-2018         |
| O                | ING                       | ING Groep - European Stock Option | 20-12-2019  | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     |      | 0            | 0             | 22-10-2018         |
| O                | ING                       | ING Groep - European Stock Option | 20-12-2019  | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,3100     |      | 4            | 0             | 22-10-2018         |
| O                | ING                       | ING Groep - European Stock Option | 20-12-2019  | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     |      | 0            | 0             | 22-10-2018         |
| O                | ING                       | ING Groep - European Stock Option | 20-12-2019  | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,2200     |      | 6            | 0             | 22-10-2018         |
| O                | ING                       | ING Groep - European Stock Option | 20-12-2019  | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 22-10-2018         |
| O                | ING                       | ING Groep - European Stock Option | 20-12-2019  | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,2000    |      | 10           | 0             | 22-10-2018         |
| O                | ING                       | ING                               | 16-11-2018  | 8,8000         | C                 | EUR               | 1,9200 | 1,9200 | 1,9100 | 2           | 1,9100 | 1,6300     |      | 2            | 2             | 22-10-2018         |
| O                | ING                       | ING                               | 16-11-2018  | 8,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     |      | 0            | 2             | 22-10-2018         |
| O                | ING                       | ING                               | 16-11-2018  | 9,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2500     |      | 1            | 0             | 22-10-2018         |
| O                | ING                       | ING                               | 16-11-2018  | 9,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     |      | 0            | 124           | 22-10-2018         |
| O                | ING                       | ING                               | 16-11-2018  | 9,6000         | C                 | EUR               | 1,1600 | 1,1600 | 1,0200 | 2           | 1,0200 | 0,8900     |      | 1            | 60            | 22-10-2018         |
| O                | ING                       | ING                               | 16-11-2018  | 9,6000         | P                 | EUR               | 0,0900 | 0,1000 | 0,0900 | 3           | 0,1000 | 0,1000     |      | 0            | 30            | 22-10-2018         |
| O                | ING                       | ING                               | 16-11-2018  | 9,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7300     |      | 1            | 0             | 22-10-2018         |
| O                | ING                       | ING                               | 16-11-2018  | 9,8000         | P                 | EUR               | 0,1100 | 0,1100 | 0,1100 | 1           | 0,1100 | 0,1400     |      | 0            | 10            | 22-10-2018         |
| O                | ING                       | ING                               | 16-11-2018  | 10,0000        | C                 | EUR               | 0,7200 | 0,7200 | 0,6000 | 4           | 0,6000 | 0,5800     |      | 1            | 80            | 22-10-2018         |
| O                | ING                       | ING                               | 16-11-2018  | 10,0000        | P                 | EUR               | 0,1200 | 0,1900 | 0,1200 | 10          | 0,1900 | 0,1800     |      | 0            | 46            | 22-10-2018         |
| O                | ING                       | ING                               | 16-11-2018  | 10,5000        | C                 | EUR               | 0,4500 | 0,4500 | 0,2800 | 47          | 0,2900 | 0,2700     |      | 0            | 916           | 22-10-2018         |
| O                | ING                       | ING                               | 16-11-2018  | 10,5000        | P                 | EUR               | 0,2500 | 0,3700 | 0,2400 | 19          | 0,3700 | 0,3800     |      | 0            | 63            | 22-10-2018         |
| O                | ING                       | ING                               | 16-11-2018  | 11,0000        | C                 | EUR               | 0,1700 | 0,2000 | 0,1100 | 58          | 0,1100 | 0,1100     |      | 0            | 1253          | 22-10-2018         |
| O                | ING                       | ING                               | 16-11-2018  | 11,0000        | P                 | EUR               | 0,5100 | 0,7000 | 0,4900 | 8           | 0,7000 | 0,7100     |      | 1            | 22            | 22-10-2018         |
| O                | ING                       | ING                               | 16-11-2018  | 11,5000        | C                 | EUR               | 0,0600 | 0,0700 | 0,0400 | 18          | 0,0500 | 0,0400     |      | 0            | 820           | 22-10-2018         |
| O                | ING                       | ING                               | 16-11-2018  | 11,5000        | P                 | EUR               | 0,8900 | 1,1000 | 0,8900 | 11          | 1,1000 | 1,1500     |      | 1            | 190           | 22-10-2018         |
| O                | ING                       | ING                               | 16-11-2018  | 12,0000        | C                 | EUR               | 0,0200 | 0,0300 | 0,0200 | 4           | 0,0300 | 0,0100     |      | 0            | 32            | 22-10-2018         |
| O                | ING                       | ING                               | 16-11-2018  | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6300     |      | 2            | 0             | 22-10-2018         |
| O                | ING                       | ING                               | 16-11-2018  | 12,5000        | C                 | EUR               | 0,0200 | 0,0200 | 0,0200 | 4           | 0,0200 | 0,0100     |      | 0            | 174           | 22-10-2018         |
| O                | ING                       | ING                               | 16-11-2018  | 12,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1200     |      | 2            | 0             | 22-10-2018         |
| O                | ING                       | ING                               | 16-11-2018  | 13,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 648           | 22-10-2018         |
| O                | ING                       | ING                               | 16-11-2018  | 13,0000        | P                 | EUR               | 2,4700 | 2,4700 | 2,4700 | 1           | 2,4700 | 2,6200     |      | 3            | 5             | 22-10-2018         |
| O                | ING                       | ING                               | 16-11-2018  | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 22-10-2018         |
| O                | ING                       | ING                               | 16-11-2018  | 14,0000        | P                 | EUR               | 3,3300 | 3,6000 | 3,3000 | 6           | 3,6000 | 3,6200     |      | 4            | 6             | 22-10-2018         |
| O                | ING                       | ING                               | 16-11-2018  | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 22-10-2018         |
| O                | ING                       | ING                               | 16-11-2018  | 15,0000        | P                 | EUR               | 4,3000 | 4,3000 | 4,3000 | 1           | 4,3000 | 4,6200     |      | 5            | 1             | 22-10-2018         |
| O                | ING                       | ING                               | 21-12-2018  | 6,0000         | C                 | EUR               | 4,6800 | 4,6800 | 4,6800 | 1           | 4,6800 | 4,4000     |      | 4            | 1             | 22-10-2018         |
| O                | ING                       | ING                               | 21-12-2018  | 6,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 2207          | 22-10-2018         |
| O                | ING                       | ING                               | 21-12-2018  | 7,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4100     |      | 3            | 0             | 22-10-2018         |
| O                | ING                       | ING                               | 21-12-2018  | 7,0000         | P                 | EUR               | 0,0200 | 0,0200 | 0,0200 | 1           | 0,0200 | 0,0100     |      | 0            | 40            | 22-10-2018         |
| O                | ING                       | ING                               | 21-12-2018  | 8,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4300     |      | 2            | 0             | 22-10-2018         |
| O                | ING                       | ING                               | 21-12-2018  | 8,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     |      | 0            | 7804          | 22-10-2018         |
| O                | ING                       | ING                               | 21-12-2018  | 8,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6700     |      | 2            | 0             | 22-10-2018         |
| O                | ING                       | ING                               | 21-12-2018  | 8,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     |      | 0            | 0             | 22-10-2018         |
| O                | ING                       | ING                               | 21-12-2018  | 9,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4900     |      | 1            | 0             | 22-10-2018         |
| O                | ING                       | ING                               | 21-12-2018  | 9,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1000     |      | 0            | 9256          | 22-10-2018         |
| O                | ING                       | ING                               | 21-12-2018  | 9,2000         | C                 | EUR               | 1,5800 | 1,6000 | 1,3600 | 6           | 1,3600 | 1,3100     |      | 1            | 47            | 22-10-2018         |
| O                | ING                       | ING                               | 21-12-2018  | 9,2000         | P                 | EUR               | 0,1100 | 0,1100 | 0,1100 | 1           | 0,1100 | 0,1300     |      | 0            | 31            | 22-10-2018         |
| O                | ING                       | ING                               | 21-12-2018  | 9,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9900     |      | 1            | 0             | 22-10-2018         |
| O                | ING                       | ING                               | 21-12-2018  | 9,6000         | P                 | EUR               | 0,1500 | 0,1600 | 0,1500 | 2           | 0,1600 | 0,1900     |      | 0            | 12            | 22-10-2018         |
| O                | ING                       | ING                               | 21-12-2018  | 10,0000        | C                 | EUR               | 0,9000 | 0,9000 | 0,7000 | 9           | 0,7000 | 0,6900     |      | 1            | 87            | 22-10-2018         |
| O                | ING                       | ING                               | 21-12-2018  | 10,0000        | P                 | EUR               | 0,2100 | 0,2900 | 0,2100 | 9           | 0,2900 | 0,3000     |      | 0            | 118           | 22-10-2018         |
| O                | ING                       | ING                               | 21-12-2018  | 10,5000        | C                 | EUR               | 0,5500 | 0,5500 | 0,4100 | 17          | 0,4200 | 0,4000     |      | 0            | 39            | 22-10-2018         |
| O                | ING                       | ING                               | 21-12-2018  | 10,5000        | P                 | EUR               | 0,3700 | 0,4900 | 0,3700 | 22          | 0,4900 | 0,5100     |      | 1            | 53            | 22-10-2018         |
| O                | ING                       | ING                               | 21-12-2018  | 11,0000        | C                 | EUR               | 0,3000 | 0,3200 | 0,2200 | 29          | 0,2200 | 0,2100     |      | 0            | 75            | 22-10-2018         |
| O                | ING                       | ING                               | 21-12-2018  | 11,0000        | P                 | EUR               | 0,6200 | 0,7900 | 0,6000 | 14          | 0,7700 | 0,8200     |      | 1            | 193           | 22-10-2018         |
| O                | ING                       | ING                               | 21-12-2018  | 11,5000        | C                 | EUR               | 0,1400 | 0,1600 | 0,1100 | 21          | 0,1100 | 0,1000     |      | 0            | 847           | 22-10-2018         |
| O                | ING                       | ING                               | 21-12-2018  | 11,5000        | P                 | EUR               | 0,9600 | 1,1800 | 0,9500 | 5           | 1,1800 | 1,2200     |      | 1            | 204           | 22-10-2018         |
| O                | ING                       | ING                               | 21-12-2018  | 12,0000        | C                 | EUR               | 0,0700 | 0,0800 | 0,0600 | 21          | 0,0600 | 0,0500     |      | 0            | 1186          | 22-10-2018         |
| O                | ING                       | ING                               | 21-12-2018  | 12,0000        | P                 | EUR               | 1,4800 | 1,5400 | 1,4800 | 5           | 1,5200 | 1,6600     |      | 2            | 201           | 22-10-2018         |
| O                | ING                       | ING                               | 21-12-2018  | 13,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 0             | 22-10-2018         |
| O                | ING                       | ING                               | 21-12-2018  | 13,0000        | P                 | EUR               | 2,3500 | 2,5700 | 2,3500 | 2           | 2,5700 | 2,6200     |      | 3            | 3             | 22-10-2018         |
| O                | ING                       | ING                               | 21-12-2018  | 14,0000        | C                 | EUR               | 0,0100 | 0,0100 | 0,0100 | 1           | 0,0100 | 0,0100     |      | 0            | 9             | 22-10-2018         |
| O                | ING                       | ING                               | 21-12-2018  | 14,0000        | P                 | EUR               | 3,3000 | 3,4800 | 3,3000 | 2           | 3,4800 | 3,6200     |      | 4            | 2             | 22-10-2018         |
| O                | ING                       | ING                               | 21-12-2018  | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 22-10-2018         |
| O                | ING                       | ING                               | 21-12-2018  | 15,0000        | P                 | EUR               | 4,4400 | 4,6000 | 4,4400 | 4           | 4,6000 | 4,6300     |      | 5            | 8             | 22-10-2018         |
| O                | ING                       | ING                               | 21-12-2018  | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 22-10-2018         |
| O                | ING                       | ING                               | 21-12-2018  | 16,0000        | P                 | EUR               | 5,3500 | 5,3500 | 5,3500 | 1           | 5,3500 | 5,6200     |      | 6            | 1             | 22-10-2018         |
| O                | ING                       | ING                               | 21-12-2018  | 17,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 7980          | 22-10-2018         |
| O                | ING                       | ING                               | 21-12-2018  | 17,0000        | P                 | EUR               | 6,5000 | 6,5600 | 6,5000 | 3           | 6,5600 | 6,6200     |      | 7            | 26            | 22-10-2018         |
| O                | ING                       | ING                               | 21-12-2018  | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 13515         | 22-10-2018         |
| O                | ING                       | ING                               | 21-12-2018  | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,6200     |      | 8            | 0             | 22-10-2018         |
| O                | ING                       | ING                               | 21-12-2018  | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 7058          | 22-10-2018         |
| O                | ING                       | ING                               | 21-12-2018  | 20,0000        | P                 | EUR               | 9,5200 | 9,5200 | 9,5200 | 1           | 9,5200 | 9,6200     |      | 10           | 1             | 22-10-2018         |
| O                | ING                       | ING                               | 21-12-2018  | 22,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 400           | 22-10-2018         |
| O                | ING                       | ING                               | 21-12-2018  | 22,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,6200    |      | 12           | 0             | 22-10-2018         |
| O                | ING                       | ING                               | 21-12-2018  | 24,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 253           | 22-10-2018         |
| O                | ING                       | ING                               | 21-12-2018  | 24,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,6200    |      | 14           | 0             | 22-10-2018         |
| O                | ING                       | ING                               | 21-12-2018  | 25,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 1064          | 22-10-2018         |
| O                | ING                       | ING                               | 21-12-2018  | 25,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,6200    |      | 15           | 0             | 22-10-2018         |
| O                | ING                       | ING                               | 18-1-2019   | 8,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7000     |      | 2            | 0             | 22-10-2018         |
| O                | ING                       | ING                               | 18-1-2019   | 8,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     |      | 0            | 0             | 22-10-2018         |
| O                | ING                       | ING                               | 18-1-2019   | 9,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |            |
|------------------|---------------------------|-----------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|------------|
| O                | ING                       | ING             | 18-1-2019   | 10,5000        | C                 | EUR               | 0,5600 | 0,5600 | 0,5600 | 1           | 0,5600 | 0,4600     | 0    | 6            | 6             | 22-10-2018         |            |
| O                | ING                       | ING             | 18-1-2019   | 10,5000        | P                 | EUR               | 0,4800 | 0,5200 | 0,4700 | 6           | 0,5200 | 0,5700     | 1    | 10           | 8             | 22-10-2018         |            |
| O                | ING                       | ING             | 18-1-2019   | 11,0000        | C                 | EUR               | 0,3100 | 0,3100 | 0,2700 | 2           | 0,2700 | 0,2600     | 0    | 4            | 4             | 22-10-2018         |            |
| O                | ING                       | ING             | 18-1-2019   | 11,0000        | P                 | EUR               | 0,7200 | 0,7700 | 0,7200 | 2           | 0,7700 | 0,8800     | 1    | 2            | 2             | 22-10-2018         |            |
| O                | ING                       | ING             | 18-1-2019   | 12,0000        | C                 | EUR               | 0,1000 | 0,1000 | 0,1000 | 1           | 0,1000 | 0,0700     | 0    | 4            | 4             | 22-10-2018         |            |
| O                | ING                       | ING             | 18-1-2019   | 12,0000        | P                 | EUR               | 1,5000 | 1,6000 | 1,5000 | 2           | 1,6000 | 1,6900     | 2    | 10           | 10            | 22-10-2018         |            |
| O                | ING                       | ING             | 18-1-2019   | 13,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 0             | 22-10-2018         |            |
| O                | ING                       | ING             | 18-1-2019   | 13,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6400     | 3    | 0            | 0             | 22-10-2018         |            |
| O                | ING                       | ING             | 18-1-2019   | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |            |
| O                | ING                       | ING             | 18-1-2019   | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,6300     | 4    | 0            | 0             | 22-10-2018         |            |
| O                | ING                       | ING             | 15-3-2019   | 7,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4300     | 3    | 104          | 104           | 22-10-2018         |            |
| O                | ING                       | ING             | 15-3-2019   | 7,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 173           | 22-10-2018         |            |
| O                | ING                       | ING             | 15-3-2019   | 8,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4800     | 2    | 0            | 205           | 22-10-2018         |            |
| O                | ING                       | ING             | 15-3-2019   | 8,0000         | P                 | EUR               | 0,0800 | 0,0900 | 0,0800 | 2           | 0,0900 | 0,1000     | 0    | 2            | 272           | 22-10-2018         |            |
| O                | ING                       | ING             | 15-3-2019   | 9,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6000     | 2    | 0            | 259           | 22-10-2018         |            |
| O                | ING                       | ING             | 15-3-2019   | 9,0000         | P                 | EUR               | 0,1800 | 0,2000 | 0,1800 | 4           | 0,2000 | 0,2200     | 0    | 88           | 1313          | 22-10-2018         |            |
| O                | ING                       | ING             | 15-3-2019   | 9,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2200     | 1    | 0            | 0             | 22-10-2018         |            |
| O                | ING                       | ING             | 15-3-2019   | 9,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3300     | 0    | 0            | 0             | 22-10-2018         |            |
| O                | ING                       | ING             | 15-3-2019   | 10,0000        | C                 | EUR               | 0,9000 | 0,9000 | 0,9000 | 1           | 0,9000 | 0,8700     | 1    | 1            | 3199          | 22-10-2018         |            |
| O                | ING                       | ING             | 15-3-2019   | 10,0000        | P                 | EUR               | 0,4000 | 0,4800 | 0,4000 | 7           | 0,4800 | 0,4900     | 0    | 16           | 4738          | 22-10-2018         |            |
| O                | ING                       | ING             | 15-3-2019   | 11,0000        | C                 | EUR               | 0,4400 | 0,4400 | 0,4000 | 4           | 0,4000 | 0,3900     | 0    | 45           | 7670          | 22-10-2018         |            |
| O                | ING                       | ING             | 15-3-2019   | 11,0000        | P                 | EUR               | 0,8300 | 0,9400 | 0,8300 | 4           | 0,9300 | 1,0100     | 1    | 16           | 10642         | 22-10-2018         |            |
| O                | ING                       | ING             | 15-3-2019   | 12,0000        | C                 | EUR               | 0,2000 | 0,2100 | 0,1600 | 6           | 0,1600 | 0,1500     | 0    | 71           | 8141          | 22-10-2018         |            |
| O                | ING                       | ING             | 15-3-2019   | 12,0000        | P                 | EUR               | 1,5300 | 1,7200 | 1,5300 | 6           | 1,7000 | 1,7700     | 2    | 9            | 15521         | 22-10-2018         |            |
| O                | ING                       | ING             | 15-3-2019   | 13,0000        | C                 | EUR               | 0,0800 | 0,0800 | 0,0800 | 3           | 0,0800 | 0,0700     | 0    | 300          | 8057          | 22-10-2018         |            |
| O                | ING                       | ING             | 15-3-2019   | 13,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6800     | 3    | 0            | 8014          | 22-10-2018         |            |
| O                | ING                       | ING             | 15-3-2019   | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 4430          | 22-10-2018         |            |
| O                | ING                       | ING             | 15-3-2019   | 14,0000        | P                 | EUR               | 3,4500 | 3,5000 | 3,4500 | 3           | 3,4900 | 3,6500     | 4    | 10           | 3927          | 22-10-2018         |            |
| O                | ING                       | ING             | 15-3-2019   | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 4697          | 22-10-2018         |            |
| O                | ING                       | ING             | 15-3-2019   | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,6400     | 5    | 0            | 2305          | 22-10-2018         |            |
| O                | ING                       | ING             | 15-3-2019   | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 2464          | 22-10-2018         |            |
| O                | ING                       | ING             | 15-3-2019   | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,6300     | 6    | 0            | 491           | 22-10-2018         |            |
| O                | ING                       | ING             | 15-3-2019   | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 1157          | 22-10-2018         |            |
| O                | ING                       | ING             | 15-3-2019   | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,6300     | 8    | 0            | 180           | 22-10-2018         |            |
| O                | ING                       | ING             | 15-3-2019   | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |            |
| O                | ING                       | ING             | 15-3-2019   | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,6400     | 10   | 0            | 132           | 22-10-2018         |            |
| O                | ING                       | ING             | 21-6-2019   | 6,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,4200     | 4    | 133          | 0             | 133                | 22-10-2018 |
| O                | ING                       | ING             | 21-6-2019   | 6,0000         | P                 | EUR               | 0,0600 | 0,0600 | 0,0600 | 2           | 0,0600 | 0,0600     | 0    | 250          | 486           | 22-10-2018         |            |
| O                | ING                       | ING             | 21-6-2019   | 7,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4500     | 3    | 0            | 40            | 22-10-2018         |            |
| O                | ING                       | ING             | 21-6-2019   | 7,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1000     | 0    | 0            | 6             | 22-10-2018         |            |
| O                | ING                       | ING             | 21-6-2019   | 8,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5200     | 3    | 0            | 202           | 22-10-2018         |            |
| O                | ING                       | ING             | 21-6-2019   | 8,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2100     | 0    | 0            | 513           | 22-10-2018         |            |
| O                | ING                       | ING             | 21-6-2019   | 9,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6600     | 2    | 0            | 1833          | 22-10-2018         |            |
| O                | ING                       | ING             | 21-6-2019   | 9,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4200     | 0    | 0            | 4578          | 22-10-2018         |            |
| O                | ING                       | ING             | 21-6-2019   | 9,5000         | C                 | EUR               | 1,3700 | 1,3700 | 1,3300 | 6           | 1,3300 | 1,2900     | 1    | 300          | 300           | 22-10-2018         |            |
| O                | ING                       | ING             | 21-6-2019   | 9,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5900     | 1    | 0            | 0             | 22-10-2018         |            |
| O                | ING                       | ING             | 21-6-2019   | 10,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9700     | 1    | 0            | 3211          | 22-10-2018         |            |
| O                | ING                       | ING             | 21-6-2019   | 10,0000        | P                 | EUR               | 0,7400 | 0,7600 | 0,7400 | 3           | 0,7600 | 0,8100     | 1    | 7            | 16414         | 22-10-2018         |            |
| O                | ING                       | ING             | 21-6-2019   | 11,0000        | C                 | EUR               | 0,5700 | 0,5700 | 0,5200 | 3           | 0,5200 | 0,4900     | 0    | 61           | 11935         | 22-10-2018         |            |
| O                | ING                       | ING             | 21-6-2019   | 11,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4000     | 1    | 0            | 37456         | 22-10-2018         |            |
| O                | ING                       | ING             | 21-6-2019   | 12,0000        | C                 | EUR               | 0,2500 | 0,2600 | 0,2400 | 4           | 0,2400 | 0,2300     | 0    | 55           | 7365          | 22-10-2018         |            |
| O                | ING                       | ING             | 21-6-2019   | 12,0000        | P                 | EUR               | 2,0500 | 2,0500 | 2,0500 | 1           | 2,0500 | 2,1800     | 2    | 1            | 33472         | 22-10-2018         |            |
| O                | ING                       | ING             | 21-6-2019   | 13,0000        | C                 | EUR               | 0,1200 | 0,1200 | 0,1200 | 4           | 0,1200 | 0,1000     | 0    | 13           | 2855          | 22-10-2018         |            |
| O                | ING                       | ING             | 21-6-2019   | 13,0000        | P                 | EUR               | 2,9500 | 2,9500 | 2,9500 | 1           | 2,9500 | 3,0800     | 3    | 6            | 3722          | 22-10-2018         |            |
| O                | ING                       | ING             | 21-6-2019   | 14,0000        | C                 | EUR               | 0,0700 | 0,0700 | 0,0700 | 1           | 0,0700 | 0,0600     | 0    | 1            | 18407         | 22-10-2018         |            |
| O                | ING                       | ING             | 21-6-2019   | 14,0000        | P                 | EUR               | 3,8600 | 4,0000 | 3,8600 | 3           | 4,0000 | 4,0300     | 4    | 4            | 24935         | 22-10-2018         |            |
| O                | ING                       | ING             | 21-6-2019   | 16,0000        | C                 | EUR               | 0,0300 | 0,0300 | 0,0300 | 1           | 0,0300 | 0,0200     | 0    | 25           | 10070         | 22-10-2018         |            |
| O                | ING                       | ING             | 21-6-2019   | 16,0000        | P                 | EUR               | 5,9100 | 5,9100 | 5,9000 | 2           | 5,9000 | 6,0200     | 6    | 16           | 6721          | 22-10-2018         |            |
| O                | ING                       | ING             | 21-6-2019   | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 3284          | 22-10-2018         |            |
| O                | ING                       | ING             | 21-6-2019   | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,0200     | 8    | 0            | 552           | 22-10-2018         |            |
| O                | ING                       | ING             | 21-6-2019   | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 631           | 22-10-2018         |            |
| O                | ING                       | ING             | 21-6-2019   | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,0200    | 10   | 0            | 770           | 22-10-2018         |            |
| O                | ING                       | ING             | 20-9-2019   | 7,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4500     | 3    | 0            | 0             | 22-10-2018         |            |
| O                | ING                       | ING             | 20-9-2019   | 7,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1600     | 0    | 0            | 130           | 22-10-2018         |            |
| O                | ING                       | ING             | 20-9-2019   | 8,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5300     | 3    | 0            | 0             | 22-10-2018         |            |
| O                | ING                       | ING             | 20-9-2019   | 8,0000         | P                 | EUR               | 0,2800 | 0,2800 | 0,2800 | 1           | 0,2800 | 0,3200     | 0    | 4            | 2109          | 22-10-2018         |            |
| O                | ING                       | ING             | 20-9-2019   | 9,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6900     | 2    | 0            | 0             | 22-10-2018         |            |
| O                | ING                       | ING             | 20-9-2019   | 9,0000         | P                 | EUR               | 0,5600 | 0,5600 | 0,5600 | 3           | 0,5600 | 0,5900     | 1    | 4500         | 5989          | 22-10-2018         |            |
| O                | ING                       | ING             | 20-9-2019   | 10,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0200     | 1    | 0            | 89            | 22-10-2018         |            |
| O                | ING                       | ING             | 20-9-2019   | 10,0000        | P                 | EUR               | 0,9600 | 1,0000 | 0,9600 | 5           | 1,0000 | 1,0400     | 1    | 80           | 229           | 22-10-2018         |            |
| O                | ING                       | ING             | 20-9-2019   | 11,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5500     | 1    | 0            | 224           | 22-10-2018         |            |
| O                | ING                       | ING             | 20-9-2019   | 11,0000        | P                 | EUR               | 1,5600 | 1,5600 | 1,5600 | 3           | 1,5600 | 1,6700     | 2    | 3000         | 3381          | 22-10-2018         |            |
| O                | ING                       | ING             | 20-9-2019   | 12,0000        | C                 | EUR               | 0,3500 | 0,3500 | 0,3500 | 2           | 0,3500 | 0,2900     | 0    | 126          | 582           | 22-10-2018         |            |
| O                | ING                       | ING             | 20-9-2019   | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4400     | 2    | 0            | 81            | 22-10-2018         |            |
| O                | ING                       | ING             | 20-9-2019   | 13,0000        | C                 | EUR               | 0,1600 | 0,1600 | 0,1600 | 1           | 0,1600 | 0,1500     | 0    | 31           | 403           | 22-10-2018         |            |
| O                | ING                       | ING             | 20-9-2019   | 13,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3300     | 3    | 0            | 387           | 22-10-2018         |            |
| O                | ING                       | ING             | 20-9-2019   | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     | 0    | 0            | 417           | 22-10-2018         |            |
| O                | ING                       | ING             | 20-9-2019   | 14,0000        | P                 | EUR               | 4,0500 | 4,2400 | 4,0500 | 4           | 4,2400 | 4,2800     | 4    | 15           | 374           | 22-10-2018         |            |
| O                | ING                       | ING             | 20-9-2019   | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,030      |      |              |               |                    |            |



| Instrument Type* | Instrument Trading Symbol | Instrument Name | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open    | High    | Low     | Trade Count | Close   | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|-----------------|-------------|----------------|-------------------|-------------------|---------|---------|---------|-------------|---------|------------|------|--------------|---------------|--------------------|
| O                | ING                       | ING             | 20-12-2019  | 6,0000         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1100     | 0    | 0            | 7876          | 22-10-2018         |
| O                | ING                       | ING             | 20-12-2019  | 7,0000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,4700     | 3    | 0            | 11            | 22-10-2018         |
| O                | ING                       | ING             | 20-12-2019  | 7,0000         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2100     | 0    | 0            | 6065          | 22-10-2018         |
| O                | ING                       | ING             | 20-12-2019  | 8,0000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,5600     | 3    | 0            | 456           | 22-10-2018         |
| O                | ING                       | ING             | 20-12-2019  | 8,0000         | P                 | EUR               | 0,3900  | 0,3900  | 0,3900  | 1           | 0,3900  | 0,4000     | 0    | 2            | 6852          | 22-10-2018         |
| O                | ING                       | ING             | 20-12-2019  | 9,0000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,7500     | 2    | 0            | 1743          | 22-10-2018         |
| O                | ING                       | ING             | 20-12-2019  | 9,0000         | P                 | EUR               | 0,6000  | 0,6300  | 0,6000  | 2           | 0,6300  | 0,7000     | 1    | 2            | 14151         | 22-10-2018         |
| O                | ING                       | ING             | 20-12-2019  | 10,0000        | C                 | EUR               | 1,2900  | 1,2900  | 1,1000  | 4           | 1,1000  | 1,0800     | 1    | 27           | 6701          | 22-10-2018         |
| O                | ING                       | ING             | 20-12-2019  | 10,0000        | P                 | EUR               | 1,0200  | 1,1300  | 1,0000  | 21          | 1,1300  | 1,1500     | 1    | 1035         | 27838         | 22-10-2018         |
| O                | ING                       | ING             | 20-12-2019  | 11,0000        | C                 | EUR               | 0,7700  | 0,7700  | 0,6500  | 11          | 0,6500  | 0,6300     | 1    | 193          | 13948         | 22-10-2018         |
| O                | ING                       | ING             | 20-12-2019  | 11,0000        | P                 | EUR               | 1,7100  | 1,7100  | 1,7100  | 1           | 1,7100  | 1,7700     | 2    | 1            | 35756         | 22-10-2018         |
| O                | ING                       | ING             | 20-12-2019  | 12,0000        | C                 | EUR               | 0,4000  | 0,4000  | 0,3800  | 3           | 0,3800  | 0,3600     | 0    | 14           | 30409         | 22-10-2018         |
| O                | ING                       | ING             | 20-12-2019  | 12,0000        | P                 | EUR               | 2,4300  | 2,5000  | 2,4300  | 4           | 2,5000  | 2,5400     | 3    | 8            | 23938         | 22-10-2018         |
| O                | ING                       | ING             | 20-12-2019  | 13,0000        | C                 | EUR               | 0,2200  | 0,2200  | 0,2200  | 2           | 0,2200  | 0,2000     | 0    | 68           | 4006          | 22-10-2018         |
| O                | ING                       | ING             | 20-12-2019  | 13,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,4000     | 3    | 0            | 990           | 22-10-2018         |
| O                | ING                       | ING             | 20-12-2019  | 14,0000        | C                 | EUR               | 0,1400  | 0,1400  | 0,1300  | 3           | 0,1300  | 0,1200     | 0    | 33           | 62153         | 22-10-2018         |
| O                | ING                       | ING             | 20-12-2019  | 14,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,3200     | 4    | 0            | 32942         | 22-10-2018         |
| O                | ING                       | ING             | 20-12-2019  | 15,0000        | C                 | EUR               | 0,0900  | 0,0900  | 0,0800  | 5           | 0,0800  | 0,0800     | 0    | 22           | 20277         | 22-10-2018         |
| O                | ING                       | ING             | 20-12-2019  | 15,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,2900     | 5    | 0            | 20615         | 22-10-2018         |
| O                | ING                       | ING             | 20-12-2019  | 16,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0500     | 0    | 0            | 24922         | 22-10-2018         |
| O                | ING                       | ING             | 20-12-2019  | 16,0000        | P                 | EUR               | 6,2000  | 6,2000  | 6,2000  | 1           | 6,2000  | 6,2700     | 6    | 20           | 8224          | 22-10-2018         |
| O                | ING                       | ING             | 20-12-2019  | 18,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0200     | 0    | 0            | 9600          | 22-10-2018         |
| O                | ING                       | ING             | 20-12-2019  | 18,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,2400     | 8    | 0            | 796           | 22-10-2018         |
| O                | ING                       | ING             | 20-12-2019  | 20,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 25956         | 22-10-2018         |
| O                | ING                       | ING             | 20-12-2019  | 20,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,2400    | 10   | 0            | 12933         | 22-10-2018         |
| O                | ING                       | ING             | 20-12-2019  | 25,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 8330          | 22-10-2018         |
| O                | ING                       | ING             | 20-12-2019  | 25,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 15,2400    | 15   | 0            | 3729          | 22-10-2018         |
| O                | ING                       | ING             | 19-6-2020   | 8,0000         | C                 | EUR               | 2,7100  | 2,7100  | 2,7100  | 1           | 2,7100  | 2,5800     | 3    | 3            | 431           | 22-10-2018         |
| O                | ING                       | ING             | 19-6-2020   | 8,0000         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,6000     | 1    | 0            | 111           | 22-10-2018         |
| O                | ING                       | ING             | 19-6-2020   | 9,0000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,8200     | 2    | 0            | 383           | 22-10-2018         |
| O                | ING                       | ING             | 19-6-2020   | 9,0000         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,9900     | 1    | 0            | 8060          | 22-10-2018         |
| O                | ING                       | ING             | 19-6-2020   | 10,0000        | C                 | EUR               | 1,3300  | 1,3300  | 1,3300  | 1           | 1,3300  | 1,2100     | 1    | 2            | 1155          | 22-10-2018         |
| O                | ING                       | ING             | 19-6-2020   | 10,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,5200     | 2    | 0            | 6641          | 22-10-2018         |
| O                | ING                       | ING             | 19-6-2020   | 11,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,7900     | 1    | 0            | 401           | 22-10-2018         |
| O                | ING                       | ING             | 19-6-2020   | 11,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,1900     | 2    | 0            | 7152          | 22-10-2018         |
| O                | ING                       | ING             | 19-6-2020   | 12,0000        | C                 | EUR               | 0,5900  | 0,6000  | 0,5900  | 5           | 0,6000  | 0,5000     | 1    | 175          | 2796          | 22-10-2018         |
| O                | ING                       | ING             | 19-6-2020   | 12,0000        | P                 | EUR               | 2,8700  | 2,8700  | 2,8700  | 1           | 2,8700  | 2,9700     | 3    | 1            | 1747          | 22-10-2018         |
| O                | ING                       | ING             | 19-6-2020   | 13,0000        | C                 | EUR               | 0,3400  | 0,3400  | 0,3400  | 1           | 0,3400  | 0,3200     | 0    | 1            | 23            | 22-10-2018         |
| O                | ING                       | ING             | 19-6-2020   | 13,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,8300     | 4    | 0            | 0             | 22-10-2018         |
| O                | ING                       | ING             | 19-6-2020   | 14,0000        | C                 | EUR               | 0,2500  | 0,2500  | 0,2500  | 1           | 0,2500  | 0,2100     | 0    | 50           | 490           | 22-10-2018         |
| O                | ING                       | ING             | 19-6-2020   | 14,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,7300     | 5    | 0            | 1724          | 22-10-2018         |
| O                | ING                       | ING             | 19-6-2020   | 15,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1400     | 0    | 0            | 865           | 22-10-2018         |
| O                | ING                       | ING             | 19-6-2020   | 15,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,6900     | 6    | 0            | 448           | 22-10-2018         |
| O                | ING                       | ING             | 19-6-2020   | 16,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0900     | 0    | 0            | 167           | 22-10-2018         |
| O                | ING                       | ING             | 19-6-2020   | 16,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,6400     | 7    | 0            | 227           | 22-10-2018         |
| O                | ING                       | ING             | 19-6-2020   | 20,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0200     | 0    | 0            | 325           | 22-10-2018         |
| O                | ING                       | ING             | 19-6-2020   | 20,0000        | P                 | EUR               | 10,4700 | 10,4700 | 10,4700 | 1           | 10,4700 | 10,5900    | 11   | 1            | 201           | 22-10-2018         |
| O                | ING                       | ING             | 18-12-2020  | 5,0000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,4100     | 5    | 0            | 143           | 22-10-2018         |
| O                | ING                       | ING             | 18-12-2020  | 5,0000         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1400     | 0    | 0            | 1981          | 22-10-2018         |
| O                | ING                       | ING             | 18-12-2020  | 6,0000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,4200     | 4    | 0            | 62            | 22-10-2018         |
| O                | ING                       | ING             | 18-12-2020  | 6,0000         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2600     | 0    | 0            | 2353          | 22-10-2018         |
| O                | ING                       | ING             | 18-12-2020  | 7,0000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,4800     | 3    | 0            | 96            | 22-10-2018         |
| O                | ING                       | ING             | 18-12-2020  | 7,0000         | P                 | EUR               | 0,4500  | 0,4500  | 0,4500  | 1           | 0,4500  | 0,4600     | 0    | 20           | 1162          | 22-10-2018         |
| O                | ING                       | ING             | 18-12-2020  | 8,0000         | C                 | EUR               | 2,6500  | 2,6500  | 2,6500  | 1           | 2,6500  | 2,6100     | 3    | 1            | 836           | 22-10-2018         |
| O                | ING                       | ING             | 18-12-2020  | 8,0000         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,7800     | 1    | 0            | 3097          | 22-10-2018         |
| O                | ING                       | ING             | 18-12-2020  | 9,0000         | C                 | EUR               | 1,9300  | 1,9300  | 1,9300  | 1           | 1,9300  | 1,8900     | 2    | 10           | 685           | 22-10-2018         |
| O                | ING                       | ING             | 18-12-2020  | 9,0000         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,2100     | 1    | 0            | 1904          | 22-10-2018         |
| O                | ING                       | ING             | 18-12-2020  | 10,0000        | C                 | EUR               | 1,4000  | 1,4000  | 1,3300  | 4           | 1,3400  | 1,3200     | 1    | 5            | 3549          | 22-10-2018         |
| O                | ING                       | ING             | 18-12-2020  | 10,0000        | P                 | EUR               | 1,6900  | 1,7000  | 1,6900  | 3           | 1,7000  | 1,7800     | 2    | 46           | 13510         | 22-10-2018         |
| O                | ING                       | ING             | 18-12-2020  | 11,0000        | C                 | EUR               | 0,9700  | 0,9700  | 0,9400  | 2           | 0,9400  | 0,8800     | 1    | 10           | 4811          | 22-10-2018         |
| O                | ING                       | ING             | 18-12-2020  | 11,0000        | P                 | EUR               | 2,3300  | 2,3800  | 2,3300  | 3           | 2,3800  | 2,4700     | 2    | 3            | 1571          | 22-10-2018         |
| O                | ING                       | ING             | 18-12-2020  | 12,0000        | C                 | EUR               | 0,6600  | 0,6800  | 0,6200  | 4           | 0,6200  | 0,5900     | 1    | 50           | 11428         | 22-10-2018         |
| O                | ING                       | ING             | 18-12-2020  | 12,0000        | P                 | EUR               | 3,1400  | 3,1400  | 3,1400  | 1           | 3,1400  | 3,2400     | 3    | 5            | 17650         | 22-10-2018         |
| O                | ING                       | ING             | 18-12-2020  | 13,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,4100     | 0    | 0            | 173           | 22-10-2018         |
| O                | ING                       | ING             | 18-12-2020  | 13,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,0900     | 4    | 0            | 60            | 22-10-2018         |
| O                | ING                       | ING             | 18-12-2020  | 14,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2900     | 0    | 0            | 11492         | 22-10-2018         |
| O                | ING                       | ING             | 18-12-2020  | 14,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,9900     | 5    | 0            | 10742         | 22-10-2018         |
| O                | ING                       | ING             | 18-12-2020  | 15,0000        | C                 | EUR               | 0,2300  | 0,2300  | 0,2300  | 1           | 0,2300  | 0,2000     | 0    | 1            | 10728         | 22-10-2018         |
| O                | ING                       | ING             | 18-12-2020  | 15,0000        | P                 | EUR               | 5,8300  | 5,8300  | 5,8300  | 1           | 5,8300  | 5,9200     | 6    | 15           | 2283          | 22-10-2018         |
| O                | ING                       | ING             | 18-12-2020  | 16,0000        | C                 | EUR               | 0,1500  | 0,1500  | 0,1500  | 1           | 0,1500  | 0,1500     | 0    | 7            | 2670          | 22-10-2018         |
| O                | ING                       | ING             | 18-12-2020  | 16,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,8700     | 7    | 0            | 1052          | 22-10-2018         |
| O                | ING                       | ING             | 18-12-2020  | 18,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0800     | 0    | 0            | 1632          | 22-10-2018         |
| O                | ING                       | ING             | 18-12-2020  | 18,0000        | P                 | EUR               | 8,6500  | 8,6500  | 8,6500  | 1           | 8,6500  | 8,8200     | 9    | 20           | 126           | 22-10-2018         |
| O                | ING                       | ING             | 18-12-2020  | 20,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0400     | 0    | 0            | 12507         | 22-10-2018         |
| O                | ING                       | ING             | 18-12-2020  | 20,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,7900    | 11   | 0            | 11805         | 22-10-2018         |
| O                | ING                       | ING             | 18-12-2020  | 25,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 1796          | 22-10-2018         |
| O                | ING                       | ING             | 18-12-2020  | 25,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 15,8200    | 16   | 0            | 405           | 22-10-2018         |
| O                | ING                       | ING             | 17-12-2021  | 6,0000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,4300     | 4    | 0            | 74            | 22-10-2018         |



| Instrument Type* | Instrument Trading Symbol | Instrument Name  | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open    | High    | Low     | Trade Count | Close   | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|--|-------------|----------------|-------------------|-------------------|---------|---------|---------|-------------|---------|------------|------|--------------|---------------|--------------------|
| O                | ING                       | ING  | 17-12-2021  | 12,0000        | C                 | EUR               | 0,8400  | 0,8400  | 0,7900  | 2           | 0,7900  | 0,7900     |      | 12           | 14379         | 22-10-2018         |
| O                | ING                       | ING  | 17-12-2021  | 12,0000        | P                 | EUR               | 3,6000  | 3,6000  | 3,6000  | 1           | 3,6000  | 3,8300     |      | 4            | 1             | 6601 22-10-2018    |
| O                | ING                       | ING  | 17-12-2021  | 13,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,5700     |      | 1            | 0             | 3862 22-10-2018    |
| O                | ING                       | ING  | 17-12-2021  | 13,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,6800     |      | 5            | 0             | 12173 22-10-2018   |
| O                | ING                       | ING  | 17-12-2021  | 14,0000        | C                 | EUR               | 0,4800  | 0,4800  | 0,4800  | 1           | 0,4800  | 0,4200     |      | 0            | 1             | 6431 22-10-2018    |
| O                | ING                       | ING  | 17-12-2021  | 14,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,5600     |      | 6            | 0             | 5732 22-10-2018    |
| O                | ING                       | ING  | 17-12-2021  | 15,0000        | C                 | EUR               | 0,3700  | 0,3700  | 0,3700  | 1           | 0,3700  | 0,3300     |      | 0            | 1             | 9390 22-10-2018    |
| O                | ING                       | ING  | 17-12-2021  | 15,0000        | P                 | EUR               | 6,3500  | 6,3500  | 6,3500  | 1           | 6,3500  | 6,5100     |      | 7            | 5             | 1693 22-10-2018    |
| O                | ING                       | ING  | 17-12-2021  | 16,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2500     |      | 0            | 0             | 10645 22-10-2018   |
| O                | ING                       | ING  | 17-12-2021  | 16,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,4400     |      | 7            | 0             | 1286 22-10-2018    |
| O                | ING                       | ING  | 17-12-2021  | 18,0000        | C                 | EUR               | 0,2000  | 0,2000  | 0,2000  | 1           | 0,2000  | 0,1600     |      | 0            | 10            | 3454 22-10-2018    |
| O                | ING                       | ING  | 17-12-2021  | 18,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 9,3600     |      | 9            | 0             | 669 22-10-2018     |
| O                | ING                       | ING  | 17-12-2021  | 20,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1000     |      | 0            | 0             | 10923 22-10-2018   |
| O                | ING                       | ING  | 17-12-2021  | 20,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 11,3400    |      | 11           | 0             | 571 22-10-2018     |
| O                | ING                       | ING  | 17-12-2021  | 25,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0400     |      | 0            | 0             | 9022 22-10-2018    |
| O                | ING                       | ING  | 17-12-2021  | 25,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 16,2900    |      | 16           | 0             | 821 22-10-2018     |
| O                | ING                       | ING  | 16-12-2022  | 6,0000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,4400     |      | 4            | 0             | 122 22-10-2018     |
| O                | ING                       | ING  | 16-12-2022  | 6,0000         | P                 | EUR               | 0,6000  | 0,6000  | 0,6000  | 3           | 0,6000  | 0,6700     |      | 1            | 242           | 499 22-10-2018     |
| O                | ING                       | ING  | 16-12-2022  | 8,0000         | C                 | EUR               | 2,8500  | 2,8800  | 2,7300  | 7           | 2,7300  | 2,6800     |      | 3            | 30            | 1914 22-10-2018    |
| O                | ING                       | ING  | 16-12-2022  | 8,0000         | P                 | EUR               | 1,4700  | 1,5200  | 1,4700  | 4           | 1,5200  | 1,5400     |      | 2            | 17            | 3181 22-10-2018    |
| O                | ING                       | ING  | 16-12-2022  | 9,0000         | C                 | EUR               | 2,2200  | 2,2600  | 2,1500  | 19          | 2,1500  | 2,1300     |      | 2            | 421           | 2408 22-10-2018    |
| O                | ING                       | ING  | 16-12-2022  | 9,0000         | P                 | EUR               | 2,0600  | 2,0600  | 2,0600  | 1           | 2,0600  | 2,1100     |      | 2            | 10            | 436 22-10-2018     |
| O                | ING                       | ING  | 16-12-2022  | 10,0000        | C                 | EUR               | 1,7300  | 1,7300  | 1,6200  | 11          | 1,6200  | 1,6000     |      | 2            | 152           | 22269 22-10-2018   |
| O                | ING                       | ING  | 16-12-2022  | 10,0000        | P                 | EUR               | 2,5900  | 2,7400  | 2,5900  | 19          | 2,7400  | 2,7700     |      | 3            | 65            | 7091 22-10-2018    |
| O                | ING                       | ING  | 16-12-2022  | 12,0000        | C                 | EUR               | 0,9900  | 1,0100  | 0,9400  | 6           | 0,9400  | 0,9300     |      | 1            | 95            | 6923 22-10-2018    |
| O                | ING                       | ING  | 16-12-2022  | 12,0000        | P                 | EUR               | 4,2500  | 4,2500  | 4,2000  | 3           | 4,2000  | 4,3100     |      | 4            | 12            | 2993 22-10-2018    |
| O                | ING                       | ING  | 16-12-2022  | 14,0000        | C                 | EUR               | 0,6000  | 0,6100  | 0,5700  | 10          | 0,5700  | 0,5600     |      | 1            | 122           | 16641 22-10-2018   |
| O                | ING                       | ING  | 16-12-2022  | 14,0000        | P                 | EUR               | 5,7500  | 5,8500  | 5,7500  | 2           | 5,8500  | 6,0300     |      | 6            | 17            | 5591 22-10-2018    |
| O                | ING                       | ING  | 16-12-2022  | 15,0000        | C                 | EUR               | 0,4600  | 0,4800  | 0,4500  | 4           | 0,4500  | 0,4200     |      | 0            | 14            | 10649 22-10-2018   |
| O                | ING                       | ING  | 16-12-2022  | 15,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,9600     |      | 7            | 0             | 2303 22-10-2018    |
| O                | ING                       | ING  | 16-12-2022  | 16,0000        | C                 | EUR               | 0,3800  | 0,3800  | 0,3600  | 4           | 0,3600  | 0,3400     |      | 0            | 35            | 10479 22-10-2018   |
| O                | ING                       | ING  | 16-12-2022  | 16,0000        | P                 | EUR               | 7,8000  | 7,8000  | 7,8000  | 1           | 7,8000  | 7,8800     |      | 8            | 5             | 3568 22-10-2018    |
| O                | ING                       | ING  | 16-12-2022  | 20,0000        | C                 | EUR               | 0,1500  | 0,1600  | 0,1500  | 2           | 0,1600  | 0,1500     |      | 0            | 98            | 5841 22-10-2018    |
| O                | ING                       | ING  | 16-12-2022  | 20,0000        | P                 | EUR               | 11,6000 | 11,7000 | 11,6000 | 3           | 11,7000 | 11,7100    |      | 12           | 4             | 621 22-10-2018     |
| O                | ING                       | ING  | 16-12-2022  | 25,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0700     |      | 0            | 0             | 3435 22-10-2018    |
| O                | ING                       | ING  | 16-12-2022  | 25,0000        | P                 | EUR               | 16,4500 | 16,4500 | 16,4000 | 2           | 16,4000 | 16,7200    |      | 17           | 2             | 1399 22-10-2018    |
| F                | IO6                       | Intesa Sanpaolo SpA - Stock Future                           | 15-11-2018  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,9671     |      | 2            | 0             | 0 22-10-2018       |
| F                | IO6                       | Intesa Sanpaolo SpA - Stock Future                           | 20-12-2018  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,9663     |      | 2            | 0             | 0 22-10-2018       |
| F                | IO6                       | Intesa Sanpaolo SpA - Stock Future                           | 17-1-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,9657     |      | 2            | 0             | 0 22-10-2018       |
| F                | IO6                       | Intesa Sanpaolo SpA - Stock Future                           | 14-3-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,9651     |      | 2            | 0             | 0 22-10-2018       |
| F                | IO6                       | Intesa Sanpaolo SpA - Stock Future                           | 20-6-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,7604     |      | 2            | 0             | 0 22-10-2018       |
| F                | IO6                       | Intesa Sanpaolo SpA - Stock Future                           | 19-9-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,7589     |      | 2            | 0             | 0 22-10-2018       |
| F                | IO8                       | Intesa Sanpaolo - Dividend Future                            | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2030     |      | 0            | 0             | 0 22-10-2018       |
| F                | IO8                       | Intesa Sanpaolo - Dividend Future                            | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2020     |      | 0            | 0             | 0 22-10-2018       |
| F                | IO8                       | Intesa Sanpaolo - Dividend Future                            | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2020     |      | 0            | 0             | 0 22-10-2018       |
| F                | IO8                       | Intesa Sanpaolo - Dividend Future                            | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2020     |      | 0            | 0             | 0 22-10-2018       |
| F                | IO8                       | Intesa Sanpaolo - Dividend Future                            | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2020     |      | 0            | 0             | 0 22-10-2018       |
| F                | IP6                       | Imperial Brands - Stock Future                               | 16-11-2018  | 0,0000         |                   | GBX               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2610,5900  |      | 2611         | 0             | 0 22-10-2018       |
| F                | IP6                       | Imperial Brands - Stock Future                               | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2546,5800  |      | 2547         | 0             | 0 22-10-2018       |
| F                | IP6                       | Imperial Brands - Stock Future                               | 18-1-2019   | 0,0000         |                   | GBX               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2547,9200  |      | 2548         | 0             | 0 22-10-2018       |
| F                | IP6                       | Imperial Brands - Stock Future                               | 15-3-2019   | 0,0000         |                   | GBX               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2485,1700  |      | 2485         | 0             | 0 22-10-2018       |
| F                | IP6                       | Imperial Brands - Stock Future                               | 21-6-2019   | 0,0000         |                   | GBX               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2459,4200  |      | 2459         | 0             | 0 22-10-2018       |
| F                | IP6                       | Imperial Brands - Stock Future                               | 20-9-2019   | 0,0000         |                   | GBX               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2433,6100  |      | 2434         | 0             | 0 22-10-2018       |
| F                | IP8                       | Imperial Brands - Dividend Future                            | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 181,9100   |      | 182          | 0             | 0 22-10-2018       |
| F                | IP8                       | Imperial Brands - Dividend Future                            | 20-12-2019  | 0,0000         |                   | GBX               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 200,2000   |      | 200          | 0             | 0 22-10-2018       |
| F                | IP8                       | Imperial Brands - Dividend Future                            | 18-12-2020  | 0,0000         |                   | GBX               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 220,2000   |      | 220          | 0             | 0 22-10-2018       |
| F                | IP8                       | Imperial Brands - Dividend Future                            | 17-12-2021  | 0,0000         |                   | GBX               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 220,2000   |      | 220          | 0             | 0 22-10-2018       |
| F                | IP8                       | Imperial Brands - Dividend Future                            | 16-12-2022  | 0,0000         |                   | GBX               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 220,2000   |      | 220          | 0             | 0 22-10-2018       |
| F                | IS6                       | Indra Sistemas SA - Stock Future                             | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,7976     |      | 9            | 0             | 0 22-10-2018       |
| F                | IS6                       | Indra Sistemas SA - Stock Future                             | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,7942     |      | 9            | 0             | 0 22-10-2018       |
| F                | IS6                       | Indra Sistemas SA - Stock Future                             | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,7915     |      | 9            | 0             | 0 22-10-2018       |
| F                | IS6                       | Indra Sistemas SA - Stock Future                             | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,7886     |      | 9            | 0             | 0 22-10-2018       |
| F                | IS6                       | Indra Sistemas SA - Stock Future                             | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,7808     |      | 9            | 0             | 0 22-10-2018       |
| F                | IS6                       | Indra Sistemas SA - Stock Future                             | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,6137     |      | 9            | 0             | 0 22-10-2018       |
| O                | ISF                       | ISF Stock Option (Underlying: ISHARES CORE FTSE 100 UCITS ET | 16-11-2018  | 6,5000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,4100     |      | 1            | 0             | 0 22-10-2018       |
| O                | ISF                       | ISF Stock Option (Underlying: ISHARES CORE FTSE 100 UCITS ET | 16-11-2018  | 6,5000         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0200     |      | 0            | 0             | 0 22-10-2018       |
| O                | ISF                       | ISF Stock Option (Underlying: ISHARES CORE FTSE 100 UCITS ET | 16-11-2018  | 7,0000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,9100     |      | 1            | 0             | 0 22-10-2018       |
| O                | ISF                       | ISF Stock Option (Underlying: ISHARES CORE FTSE 100 UCITS ET | 16-11-2018  | 7,0000         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0200     |      | 0            | 0             | 0 22-10-2018       |
| O                | ISF                       | ISF Stock Option (Underlying: ISHARES CORE FTSE 100 UCITS ET | 16-11-2018  | 7,2000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,7200     |      | 1            | 0             | 0 22-10-2018       |
| O                | ISF                       | ISF Stock Option (Underlying: ISHARES CORE FTSE 100 UCITS ET | 16-11-2018  | 7,2000         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0300     |      | 0            | 0             | 0 22-10-2018       |
| O                | ISF                       | ISF Stock Option (Underlying: ISHARES CORE FTSE 100 UCITS ET | 16-11-2018  | 7,4000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,5200     |      | 1            | 0             | 0 22-10-2018       |
| O                | ISF                       | ISF Stock Option (Underlying: ISHARES CORE FTSE 100 UCITS ET | 16-11-2018  | 7,4000         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0300     |      | 0            | 0             | 0 22-10-2018       |
| O                | ISF                       | ISF Stock Option (Underlying: ISHARES CORE FTSE 100 UCITS ET | 16-11-2018  | 7,5000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,4300     |      | 0            | 0             | 0 22-10-2018       |
| O                | ISF                       | ISF Stock Option (Underlying: ISHARES CORE FTSE 100 UCITS ET | 16-11-2018  | 7,5000         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0400     |      | 0            | 0             | 0 22-10-2018       |
| O                | ISF                       | ISF Stock Option (Underlying: ISHARES CORE FTSE 100 UCITS ET | 16-11-2018  | 7,6000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3300     |      | 0            | 0             | 0 22-10-2018       |
| O                | ISF                       | ISF Stock Option (Underlying: ISHARES CORE FTSE 100 UCITS ET | 16-11-2018  | 7,6000         | P                 | EUR               | 0,0000  | 0,0000  | 0,000   |             |         |            |      |              |               |                    |



Euronext Amsterdam N.V. – Beursplein 5, Amsterdam – Tel: +31 (0) 20 721 4444



Euronext Amsterdam N.V. – Beursplein 5, Amsterdam – Tel: +31 (0) 20 721 4444



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| Instrument Type* | Instrument Trading Symbol | Instrument Name  | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|--|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | ISS                       | ISS Stock Option (Underlying: ISHARES S&P 500 UCITS ETF (DIS | 20-9-2019   | 27,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8600     |      | 4            | 0             | 22-10-2018         |
| O                | ISS                       | ISS Stock Option (Underlying: ISHARES S&P 500 UCITS ETF (DIS | 20-9-2019   | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1400     |      | 0            | 0             | 22-10-2018         |
| O                | ISS                       | ISS Stock Option (Underlying: ISHARES S&P 500 UCITS ETF (DIS | 20-9-2019   | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,7100     |      | 5            | 0             | 22-10-2018         |
| O                | ISS                       | ISS Stock Option (Underlying: ISHARES S&P 500 UCITS ETF (DIS | 20-9-2019   | 29,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     |      | 0            | 0             | 22-10-2018         |
| O                | ISS                       | ISS Stock Option (Underlying: ISHARES S&P 500 UCITS ETF (DIS | 20-9-2019   | 29,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,6500     |      | 6            | 0             | 22-10-2018         |
| O                | ISS                       | ISS Stock Option (Underlying: ISHARES S&P 500 UCITS ETF (DIS | 20-9-2019   | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     |      | 0            | 0             | 22-10-2018         |
| O                | ISS                       | ISS Stock Option (Underlying: ISHARES S&P 500 UCITS ETF (DIS | 20-9-2019   | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,6200     |      | 7            | 0             | 22-10-2018         |
| F                | IT6                       | Inditex SA - Stock Future                                    | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 23,8984    |      | 24           | 0             | 22-10-2018         |
| F                | IT6                       | Inditex SA - Stock Future                                    | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 23,8893    |      | 24           | 0             | 22-10-2018         |
| F                | IT6                       | Inditex SA - Stock Future                                    | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 23,8819    |      | 24           | 0             | 22-10-2018         |
| F                | IT6                       | Inditex SA - Stock Future                                    | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 23,8739    |      | 24           | 0             | 22-10-2018         |
| F                | IT6                       | Inditex SA - Stock Future                                    | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 23,4429    |      | 23           | 0             | 22-10-2018         |
| F                | IT6                       | Inditex SA - Stock Future                                    | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 23,4237    |      | 23           | 0             | 22-10-2018         |
| F                | IT8                       | Inditex - Dividend Future                                    | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5400     |      | 1            | 0             | 5 22-10-2018       |
| F                | IT8                       | Inditex - Dividend Future                                    | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6181     |      | 1            | 0             | 22-10-2018         |
| F                | IT8                       | Inditex - Dividend Future                                    | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6990     |      | 1            | 0             | 22-10-2018         |
| F                | IT8                       | Inditex - Dividend Future                                    | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7935     |      | 1            | 0             | 22-10-2018         |
| F                | IT8                       | Inditex - Dividend Future                                    | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7935     |      | 1            | 0             | 22-10-2018         |
| O                | ITR                       | Intertrust - Stock Option                                    | 16-11-2018  | 11,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1000     |      | 3            | 0             | 22-10-2018         |
| O                | ITR                       | Intertrust - Stock Option                                    | 16-11-2018  | 11,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 22-10-2018         |
| O                | ITR                       | Intertrust - Stock Option                                    | 16-11-2018  | 12,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1200     |      | 2            | 0             | 22-10-2018         |
| O                | ITR                       | Intertrust - Stock Option                                    | 16-11-2018  | 12,0000        | P                 | EUR               | 0,0600 | 0,0600 | 0,0600 | 2           | 0,0600 | 0,0800     |      | 0            | 70            | 70 22-10-2018      |
| O                | ITR                       | Intertrust - Stock Option                                    | 16-11-2018  | 13,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1900     |      | 1            | 0             | 22-10-2018         |
| O                | ITR                       | Intertrust - Stock Option                                    | 16-11-2018  | 13,0000        | P                 | EUR               | 0,2300 | 0,2300 | 0,2100 | 3           | 0,2100 | 0,2100     |      | 0            | 80            | 170 22-10-2018     |
| O                | ITR                       | Intertrust - Stock Option                                    | 16-11-2018  | 13,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7900     |      | 1            | 0             | 22-10-2018         |
| O                | ITR                       | Intertrust - Stock Option                                    | 16-11-2018  | 13,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3400     |      | 0            | 0             | 22-10-2018         |
| O                | ITR                       | Intertrust - Stock Option                                    | 16-11-2018  | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4900     |      | 0            | 0             | 22-10-2018         |
| O                | ITR                       | Intertrust - Stock Option                                    | 16-11-2018  | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5900     |      | 1            | 0             | 216 22-10-2018     |
| O                | ITR                       | Intertrust - Stock Option                                    | 16-11-2018  | 14,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3000     |      | 0            | 0             | 22-10-2018         |
| O                | ITR                       | Intertrust - Stock Option                                    | 16-11-2018  | 14,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9300     |      | 1            | 0             | 22-10-2018         |
| O                | ITR                       | Intertrust - Stock Option                                    | 16-11-2018  | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1900     |      | 0            | 0             | 4 22-10-2018       |
| O                | ITR                       | Intertrust - Stock Option                                    | 16-11-2018  | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3300     |      | 1            | 0             | 37 22-10-2018      |
| O                | ITR                       | Intertrust - Stock Option                                    | 16-11-2018  | 15,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     |      | 0            | 0             | 52 22-10-2018      |
| O                | ITR                       | Intertrust - Stock Option                                    | 16-11-2018  | 15,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7800     |      | 2            | 0             | 120 22-10-2018     |
| O                | ITR                       | Intertrust - Stock Option                                    | 16-11-2018  | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     |      | 0            | 0             | 72 22-10-2018      |
| O                | ITR                       | Intertrust - Stock Option                                    | 16-11-2018  | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2400     |      | 2            | 0             | 51 22-10-2018      |
| O                | ITR                       | Intertrust - Stock Option                                    | 16-11-2018  | 16,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     |      | 0            | 0             | 199 22-10-2018     |
| O                | ITR                       | Intertrust - Stock Option                                    | 16-11-2018  | 16,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7200     |      | 3            | 0             | 20 22-10-2018      |
| O                | ITR                       | Intertrust - Stock Option                                    | 16-11-2018  | 17,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     |      | 0            | 0             | 94 22-10-2018      |
| O                | ITR                       | Intertrust - Stock Option                                    | 16-11-2018  | 17,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1900     |      | 3            | 0             | 3 22-10-2018       |
| O                | ITR                       | Intertrust - Stock Option                                    | 16-11-2018  | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 245           | 22-10-2018         |
| O                | ITR                       | Intertrust - Stock Option                                    | 16-11-2018  | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,1700     |      | 4            | 0             | 12 22-10-2018      |
| O                | ITR                       | Intertrust - Stock Option                                    | 16-11-2018  | 19,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 152           | 22-10-2018         |
| O                | ITR                       | Intertrust - Stock Option                                    | 16-11-2018  | 19,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,1600     |      | 5            | 0             | 3 22-10-2018       |
| O                | ITR                       | Intertrust - Stock Option                                    | 16-11-2018  | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 70            | 22-10-2018         |
| O                | ITR                       | Intertrust - Stock Option                                    | 16-11-2018  | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,1600     |      | 6            | 0             | 10 22-10-2018      |
| O                | ITR                       | Intertrust - Stock Option                                    | 21-12-2018  | 11,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1100     |      | 3            | 0             | 22-10-2018         |
| O                | ITR                       | Intertrust - Stock Option                                    | 21-12-2018  | 11,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     |      | 0            | 35            | 22-10-2018         |
| O                | ITR                       | Intertrust - Stock Option                                    | 21-12-2018  | 12,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1200     |      | 2            | 0             | 22-10-2018         |
| O                | ITR                       | Intertrust - Stock Option                                    | 21-12-2018  | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     |      | 0            | 60            | 22-10-2018         |
| O                | ITR                       | Intertrust - Stock Option                                    | 21-12-2018  | 13,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2100     |      | 1            | 0             | 0 22-10-2018       |
| O                | ITR                       | Intertrust - Stock Option                                    | 21-12-2018  | 13,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3000     |      | 0            | 71            | 22-10-2018         |
| O                | ITR                       | Intertrust - Stock Option                                    | 21-12-2018  | 13,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8400     |      | 1            | 0             | 22-10-2018         |
| O                | ITR                       | Intertrust - Stock Option                                    | 21-12-2018  | 13,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4700     |      | 0            | 0             | 22-10-2018         |
| O                | ITR                       | Intertrust - Stock Option                                    | 21-12-2018  | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5800     |      | 1            | 0             | 10 22-10-2018      |
| O                | ITR                       | Intertrust - Stock Option                                    | 21-12-2018  | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7300     |      | 1            | 0             | 2481 22-10-2018    |
| O                | ITR                       | Intertrust - Stock Option                                    | 21-12-2018  | 14,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4000     |      | 0            | 0             | 1300 22-10-2018    |
| O                | ITR                       | Intertrust - Stock Option                                    | 21-12-2018  | 14,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0600     |      | 1            | 0             | 22-10-2018         |
| O                | ITR                       | Intertrust - Stock Option                                    | 21-12-2018  | 15,0000        | C                 | EUR               | 0,3200 | 0,3200 | 0,3200 | 1           | 0,3200 | 0,2700     |      | 0            | 1             | 2 22-10-2018       |
| O                | ITR                       | Intertrust - Stock Option                                    | 21-12-2018  | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4300     |      | 1            | 0             | 48 22-10-2018      |
| O                | ITR                       | Intertrust - Stock Option                                    | 21-12-2018  | 15,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1800     |      | 0            | 0             | 1 22-10-2018       |
| O                | ITR                       | Intertrust - Stock Option                                    | 21-12-2018  | 15,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8400     |      | 2            | 0             | 1 22-10-2018       |
| O                | ITR                       | Intertrust - Stock Option                                    | 21-12-2018  | 16,0000        | C                 | EUR               | 0,1400 | 0,1500 | 0,1400 | 6           | 0,1500 | 0,1200     |      | 0            | 115           | 205 22-10-2018     |
| O                | ITR                       | Intertrust - Stock Option                                    | 21-12-2018  | 16,0000        | P                 | EUR               | 2,2000 | 2,2000 | 2,2000 | 1           | 2,2000 | 2,2800     |      | 2            | 15            | 230 22-10-2018     |
| O                | ITR                       | Intertrust - Stock Option                                    | 21-12-2018  | 16,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     |      | 0            | 0             | 108 22-10-2018     |
| O                | ITR                       | Intertrust - Stock Option                                    | 21-12-2018  | 16,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7400     |      | 3            | 0             | 22-10-2018         |
| O                | ITR                       | Intertrust - Stock Option                                    | 21-12-2018  | 17,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     |      | 0            | 79            | 22-10-2018         |
| O                | ITR                       | Intertrust - Stock Option                                    | 21-12-2018  | 17,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2200     |      | 3            | 0             | 10 22-10-2018      |
| O                | ITR                       | Intertrust - Stock Option                                    | 21-12-2018  | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     |      | 0            | 0             | 22-10-2018         |
| O                | ITR                       | Intertrust - Stock Option                                    | 21-12-2018  | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,1900     |      | 4            | 0             | 22-10-2018         |
| O                | ITR                       | Intertrust - Stock Option                                    | 21-12-2018  | 19,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 22-10-2018         |
| O                | ITR                       | Intertrust - Stock Option                                    | 21-12-2018  | 19,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,1800     |      | 5            | 0             | 22-10-2018         |
| O                | ITR                       | Intertrust - Stock Option                                    | 21-12-2018  | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 22-10-2018         |
| O                | ITR                       | Intertrust - Stock Option                                    | 21-12-2018  | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,1700     |      | 6            | 0             | 35 22-10-2018      |
| O                | ITR                       | Intertrust - Stock Option                                    | 18-1-2019   | 11,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1000     |      | 3            | 0             | 22-10-2018         |
| O                | ITR                       | Intertrust - Stock Option                                    | 18-1-2019   | 11,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     |      | 0            | 0             | 22-10-2018         |
| O                | ITR                       | Intertrust - Stock Option                                    | 18-1-2019   | 12,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,     |            |      |              |               |                    |



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| Instrument Type* | Instrument Trading Symbol | Instrument Name  | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close    | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |            |
|------------------|---------------------------|--|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|----------|------------|------|--------------|---------------|--------------------|------------|
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ) | 18-1-2019   | 36,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 2,5900     |      | 3            | 0             | 0                  | 22-10-2018 |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ) | 18-1-2019   | 36,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 0,6900     |      | 1            | 0             | 0                  | 22-10-2018 |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ) | 18-1-2019   | 37,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 1,8200     |      | 2            | 0             | 0                  | 22-10-2018 |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ) | 18-1-2019   | 37,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 0,9500     |      | 1            | 0             | 0                  | 22-10-2018 |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ) | 18-1-2019   | 38,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 1,2200     |      | 1            | 0             | 0                  | 22-10-2018 |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ) | 18-1-2019   | 38,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 1,3800     |      | 1            | 0             | 0                  | 22-10-2018 |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ) | 18-1-2019   | 39,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 0,7000     |      | 1            | 0             | 0                  | 22-10-2018 |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ) | 18-1-2019   | 39,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 1,8800     |      | 2            | 0             | 0                  | 22-10-2018 |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ) | 18-1-2019   | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 0,3700     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ) | 18-1-2019   | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 2,5700     |      | 3            | 0             | 0                  | 22-10-2018 |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ) | 18-1-2019   | 41,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 0,1800     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ) | 18-1-2019   | 41,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 3,3900     |      | 3            | 0             | 0                  | 22-10-2018 |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ) | 18-1-2019   | 42,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 0,1000     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ) | 18-1-2019   | 42,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 4,3100     |      | 4            | 0             | 0                  | 22-10-2018 |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ) | 18-1-2019   | 44,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 0,0100     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ) | 18-1-2019   | 44,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 6,2300     |      | 6            | 0             | 0                  | 22-10-2018 |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ) | 15-3-2019   | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 10,1300    |      | 10           | 0             | 0                  | 22-10-2018 |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ) | 15-3-2019   | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 0,1100     |      | 0            | 0             | 140                | 22-10-2018 |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ) | 15-3-2019   | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 8,1800     |      | 8            | 0             | 0                  | 22-10-2018 |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ) | 15-3-2019   | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 0,2200     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ) | 15-3-2019   | 32,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 6,2500     |      | 6            | 0             | 0                  | 22-10-2018 |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ) | 15-3-2019   | 32,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 0,3500     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ) | 15-3-2019   | 34,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 4,4000     |      | 4            | 0             | 0                  | 22-10-2018 |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ) | 15-3-2019   | 34,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 0,0000     |      | 0            | 1             | 22-10-2018         |            |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ) | 15-3-2019   | 36,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 2,8200     |      | 3            | 0             | 1                  | 22-10-2018 |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ) | 15-3-2019   | 36,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 1,1100     |      | 1            | 0             | 0                  | 22-10-2018 |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ) | 15-3-2019   | 38,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 1,1490     |      | 1            | 0             | 0                  | 22-10-2018 |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ) | 15-3-2019   | 38,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 1,8700     |      | 2            | 0             | 0                  | 22-10-2018 |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ) | 15-3-2019   | 39,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 0,9700     |      | 1            | 0             | 0                  | 22-10-2018 |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ) | 15-3-2019   | 39,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 2,3900     |      | 2            | 0             | 0                  | 22-10-2018 |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ) | 15-3-2019   | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 0,6100     |      | 1            | 0             | 0                  | 22-10-2018 |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ) | 15-3-2019   | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 3,0500     |      | 3            | 0             | 0                  | 22-10-2018 |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ) | 15-3-2019   | 42,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 0,2100     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ) | 15-3-2019   | 42,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 4,7000     |      | 5            | 0             | 0                  | 22-10-2018 |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ) | 15-3-2019   | 44,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 0,0300     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ) | 15-3-2019   | 44,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 6,5400     |      | 7            | 0             | 0                  | 22-10-2018 |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ) | 15-3-2019   | 45,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 0,0100     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ) | 15-3-2019   | 45,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 7,5300     |      | 8            | 0             | 0                  | 22-10-2018 |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ) | 15-3-2019   | 46,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 0,0100     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ) | 15-3-2019   | 46,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 8,5200     |      | 9            | 0             | 0                  | 22-10-2018 |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ) | 15-3-2019   | 48,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 0,0100     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ) | 15-3-2019   | 48,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 10,5200    |      | 11           | 0             | 0                  | 22-10-2018 |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ) | 15-3-2019   | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 0,0100     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ) | 15-3-2019   | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 12,5300    |      | 13           | 0             | 0                  | 22-10-2018 |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ) | 21-6-2019   | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 10,1400    |      | 10           | 0             | 0                  | 22-10-2018 |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ) | 21-6-2019   | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 0,2800     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ) | 21-6-2019   | 29,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 9,1600     |      | 9            | 0             | 0                  | 22-10-2018 |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ) | 21-6-2019   | 29,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 0,3400     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ) | 21-6-2019   | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 8,1900     |      | 8            | 0             | 0                  | 22-10-2018 |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ) | 21-6-2019   | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 0,0000     |      | 0            | 1             | 22-10-2018         |            |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ) | 21-6-2019   | 32,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 6,2800     |      | 6            | 0             | 0                  | 22-10-2018 |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ) | 21-6-2019   | 32,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 0,6400     |      | 1            | 0             | 0                  | 22-10-2018 |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ) | 21-6-2019   | 34,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 4,5100     |      | 5            | 0             | 0                  | 22-10-2018 |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ) | 21-6-2019   | 34,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 1,0200     |      | 1            | 0             | 0                  | 22-10-2018 |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ) | 21-6-2019   | 36,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 2,9400     |      | 3            | 0             | 0                  | 22-10-2018 |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ) | 21-6-2019   | 36,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 1,5800     |      | 2            | 0             | 0                  | 22-10-2018 |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ) | 21-6-2019   | 38,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 1,8200     |      | 2            | 0             | 0                  | 22-10-2018 |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ) | 21-6-2019   | 38,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 2,5800     |      | 3            | 0             | 0                  | 22-10-2018 |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ) | 21-6-2019   | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 0,8800     |      | 1            | 0             | 1                  | 22-10-2018 |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ) | 21-6-2019   | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 3,7300     |      | 4            | 0             | 1                  | 22-10-2018 |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ) | 21-6-2019   | 42,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 0,2800     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ) | 21-6-2019   | 42,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 5,2000     |      | 5            | 0             | 0                  | 22-10-2018 |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ) | 21-6-2019   | 44,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 0,1000     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ) | 21-6-2019   | 44,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 7,0400     |      | 7            | 0             | 0                  | 22-10-2018 |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ) | 21-6-2019   | 45,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 0,0600     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ) | 21-6-2019   | 45,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 8,0100     |      | 8            | 0             | 0                  | 22-10-2018 |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ) | 21-6-2019   | 46,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 0,0300     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ) | 21-6-2019   | 46,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 8,9900     |      | 9            | 0             | 0                  | 22-10-2018 |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ) | 21-6-2019   | 48,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 0,0100     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ) | 21-6-2019   | 48,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 10,9700    |      | 11           | 0             | 0                  | 22-10-2018 |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ) | 21-6-2019   | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000   | 0,0100     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | IWR                       | IWR Stock Option (Underlying: iSHARES MSCI WORLD UCITS ETF ) | 21-6-2019   | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000</ |            |      |              |               |                    |            |



| Instrument Type* | Instrument Trading Symbol | Instrument Name  | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|--|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | IWR                       | IWR Stock Option (Underlying: ISHARES MSCI WORLD UCITS ETF ( | 20-9-2019   | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,2500     |      | 4            | 0             | 22-10-2018         |
| O                | IWR                       | IWR Stock Option (Underlying: ISHARES MSCI WORLD UCITS ETF ( | 20-9-2019   | 42,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5600     |      | 1            | 0             | 22-10-2018         |
| O                | IWR                       | IWR Stock Option (Underlying: ISHARES MSCI WORLD UCITS ETF ( | 20-9-2019   | 42,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,7400     |      | 6            | 0             | 22-10-2018         |
| O                | IWR                       | IWR Stock Option (Underlying: ISHARES MSCI WORLD UCITS ETF ( | 20-9-2019   | 44,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2500     |      | 0            | 0             | 22-10-2018         |
| O                | IWR                       | IWR Stock Option (Underlying: ISHARES MSCI WORLD UCITS ETF ( | 20-9-2019   | 44,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,4500     |      | 7            | 0             | 22-10-2018         |
| O                | IWR                       | IWR Stock Option (Underlying: ISHARES MSCI WORLD UCITS ETF ( | 20-9-2019   | 46,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     |      | 0            | 0             | 22-10-2018         |
| O                | IWR                       | IWR Stock Option (Underlying: ISHARES MSCI WORLD UCITS ETF ( | 20-9-2019   | 46,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,3400     |      | 9            | 0             | 22-10-2018         |
| O                | IWR                       | IWR Stock Option (Underlying: ISHARES MSCI WORLD UCITS ETF ( | 20-9-2019   | 48,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     |      | 0            | 0             | 22-10-2018         |
| O                | IWR                       | IWR Stock Option (Underlying: ISHARES MSCI WORLD UCITS ETF ( | 20-9-2019   | 48,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,2900    |      | 11           | 0             | 22-10-2018         |
| O                | IWR                       | IWR Stock Option (Underlying: ISHARES MSCI WORLD UCITS ETF ( | 20-9-2019   | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 0             | 22-10-2018         |
| O                | IWR                       | IWR Stock Option (Underlying: ISHARES MSCI WORLD UCITS ETF ( | 20-9-2019   | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,2700    |      | 13           | 0             | 22-10-2018         |
| F                | JB6                       | Julius Baer Gruppe - Stock Future                            | 16-11-2018  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 44,7557    |      | 45           | 0             | 22-10-2018         |
| F                | JB6                       | Julius Baer Gruppe - Stock Future                            | 21-12-2018  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 44,7334    |      | 45           | 0             | 22-10-2018         |
| F                | JB6                       | Julius Baer Gruppe - Stock Future                            | 18-1-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 44,7131    |      | 45           | 0             | 22-10-2018         |
| F                | JB6                       | Julius Baer Gruppe - Stock Future                            | 15-3-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 44,6791    |      | 45           | 0             | 22-10-2018         |
| F                | JB6                       | Julius Baer Gruppe - Stock Future                            | 21-6-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 43,0184    |      | 43           | 0             | 22-10-2018         |
| F                | JB6                       | Julius Baer Gruppe - Stock Future                            | 20-9-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 42,9614    |      | 43           | 0             | 22-10-2018         |
| F                | JB8                       | Julius Baer Gruppe - Dividend Future                         | 21-12-2018  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4000     |      | 1            | 0             | 22-10-2018         |
| F                | JB8                       | Julius Baer Gruppe - Dividend Future                         | 20-12-2019  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4000     |      | 1            | 0             | 22-10-2018         |
| F                | JB8                       | Julius Baer Gruppe - Dividend Future                         | 18-12-2020  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5000     |      | 2            | 0             | 22-10-2018         |
| F                | JB8                       | Julius Baer Gruppe - Dividend Future                         | 17-12-2021  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6000     |      | 2            | 0             | 22-10-2018         |
| F                | JB8                       | Julius Baer Gruppe - Dividend Future                         | 16-12-2022  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6000     |      | 2            | 0             | 22-10-2018         |
| F                | JW6                       | Adecco Group AG - Stock Future                               | 16-11-2018  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 48,1146    |      | 48           | 0             | 22-10-2018         |
| F                | JW6                       | Adecco Group AG - Stock Future                               | 21-12-2018  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 48,0907    |      | 48           | 0             | 22-10-2018         |
| F                | JW6                       | Adecco Group AG - Stock Future                               | 18-1-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 48,0688    |      | 48           | 0             | 22-10-2018         |
| F                | JW6                       | Adecco Group AG - Stock Future                               | 15-3-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 48,0323    |      | 48           | 0             | 22-10-2018         |
| F                | JW6                       | Adecco Group AG - Stock Future                               | 21-6-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 45,3574    |      | 45           | 0             | 22-10-2018         |
| F                | JW6                       | Adecco Group AG - Stock Future                               | 20-9-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 45,2973    |      | 45           | 0             | 22-10-2018         |
| F                | JW8                       | Adecco Group AG - Dividend Future                            | 21-12-2018  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5000     |      | 3            | 0             | 22-10-2018         |
| F                | JW8                       | Adecco Group AG - Dividend Future                            | 20-12-2019  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6600     |      | 3            | 0             | 22-10-2018         |
| F                | JW8                       | Adecco Group AG - Dividend Future                            | 18-12-2020  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7700     |      | 3            | 0             | 22-10-2018         |
| F                | JW8                       | Adecco Group AG - Dividend Future                            | 17-12-2021  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8600     |      | 3            | 0             | 22-10-2018         |
| F                | JW8                       | Adecco Group AG - Dividend Future                            | 16-12-2022  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8600     |      | 3            | 0             | 22-10-2018         |
| F                | K80                       | Akzo Nobel - Dividend Future OLD                             | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9400     |      | 2            | 10            | 22-10-2018         |
| F                | KA6                       | Skanska B - Stock Future                                     | 16-11-2018  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 144,4606   |      | 144          | 0             | 22-10-2018         |
| F                | KA6                       | Skanska B - Stock Future                                     | 21-12-2018  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 144,4107   |      | 144          | 0             | 22-10-2018         |
| F                | KA6                       | Skanska B - Stock Future                                     | 18-1-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 144,3752   |      | 144          | 0             | 22-10-2018         |
| F                | KA6                       | Skanska B - Stock Future                                     | 15-3-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 144,3003   |      | 144          | 0             | 22-10-2018         |
| F                | KA6                       | Skanska B - Stock Future                                     | 21-6-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 135,9465   |      | 136          | 0             | 22-10-2018         |
| F                | KA6                       | Skanska B - Stock Future                                     | 20-9-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 135,8889   |      | 136          | 0             | 22-10-2018         |
| F                | KE6                       | Akstor - Stock Future  | 16-11-2018  | 0,0000         |                   | NOK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,8915    |      | 16           | 0             | 22-10-2018         |
| F                | KE6                       | Akstor - Stock Future  | 21-12-2018  | 0,0000         |                   | NOK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,9114    |      | 16           | 0             | 22-10-2018         |
| F                | KE6                       | Akstor - Stock Future  | 18-1-2019   | 0,0000         |                   | NOK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,9322    |      | 16           | 0             | 22-10-2018         |
| F                | KE6                       | Akstor - Stock Future  | 15-3-2019   | 0,0000         |                   | NOK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,9697    |      | 16           | 0             | 22-10-2018         |
| F                | KE6                       | Akstor - Stock Future  | 21-6-2019   | 0,0000         |                   | NOK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,0504    |      | 16           | 0             | 22-10-2018         |
| F                | KE6                       | Akstor - Stock Future  | 20-9-2019   | 0,0000         |                   | NOK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,1186    |      | 16           | 0             | 22-10-2018         |
| F                | KF6                       | Kingfisher - Stock Future                                    | 16-11-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 243,4000   |      | 243          | 0             | 22-10-2018         |
| F                | KF6                       | Kingfisher - Stock Future                                    | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 243,5500   |      | 244          | 0             | 22-10-2018         |
| F                | KF6                       | Kingfisher - Stock Future                                    | 18-1-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 243,6800   |      | 244          | 0             | 22-10-2018         |
| F                | KF6                       | Kingfisher - Stock Future                                    | 15-3-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 243,9600   |      | 244          | 0             | 22-10-2018         |
| F                | KF6                       | Kingfisher - Stock Future                                    | 21-6-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 236,5800   |      | 237          | 0             | 22-10-2018         |
| F                | KF6                       | Kingfisher - Stock Future                                    | 20-9-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 237,1100   |      | 237          | 0             | 22-10-2018         |
| F                | KG6                       | Kerry Group PLC - Stock Future                               | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 90,6252    |      | 91           | 0             | 22-10-2018         |
| F                | KG6                       | Kerry Group PLC - Stock Future                               | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 90,5904    |      | 91           | 0             | 22-10-2018         |
| F                | KG6                       | Kerry Group PLC - Stock Future                               | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 90,5626    |      | 91           | 0             | 22-10-2018         |
| F                | KG6                       | Kerry Group PLC - Stock Future                               | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 90,5321    |      | 91           | 0             | 22-10-2018         |
| F                | KG6                       | Kerry Group PLC - Stock Future                               | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 89,9722    |      | 90           | 0             | 22-10-2018         |
| F                | KG6                       | Kerry Group PLC - Stock Future                               | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 89,8982    |      | 90           | 0             | 22-10-2018         |
| F                | KI6                       | Kingspan Group Plc - Stock Future                            | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 40,5289    |      | 41           | 0             | 22-10-2018         |
| F                | KI6                       | Kingspan Group Plc - Stock Future                            | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 40,5134    |      | 41           | 0             | 22-10-2018         |
| F                | KI6                       | Kingspan Group Plc - Stock Future                            | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 40,5009    |      | 41           | 0             | 22-10-2018         |
| F                | KI6                       | Kingspan Group Plc - Stock Future                            | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 40,4873    |      | 40           | 0             | 22-10-2018         |
| F                | KI6                       | Kingspan Group Plc - Stock Future                            | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 40,1716    |      | 40           | 0             | 22-10-2018         |
| F                | KI6                       | Kingspan Group Plc - Stock Future                            | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 40,0086    |      | 40           | 0             | 22-10-2018         |
| F                | KX8                       | Kesko OYJ B - Dividend Future                                | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2000     |      | 2            | 0             | 22-10-2018         |
| F                | KX8                       | Kesko OYJ B - Dividend Future                                | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2500     |      | 2            | 0             | 22-10-2018         |
| F                | KX8                       | Kesko OYJ B - Dividend Future                                | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5000     |      | 3            | 0             | 22-10-2018         |
| F                | KX8                       | Kesko OYJ B - Dividend Future                                | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6000     |      | 3            | 0             | 22-10-2018         |
| F                | KX8                       | Kesko OYJ B - Dividend Future                                | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6000     |      | 3            | 0             | 22-10-2018         |
| F                | KOG                       | Kone OYJ - Stock Future                                      | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 40,9588    |      | 41           | 0             | 22-10-2018         |
| F                | KOG                       | Kone OYJ - Stock Future                                      | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 40,9431    |      | 41           | 0             | 22-10-2018         |
| F                | KOG                       | Kone OYJ - Stock Future                                      | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 40,9305    |      | 41           | 0             | 22-10-2018         |
| F                | KOG                       | Kone OYJ - Stock Future                                      | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 39,2170    |      | 39           | 0             | 22-10-2018         |
| F                | KOG                       | Kone OYJ - Stock Future                                      | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 39,1822    |      | 39           | 0             | 22-10-2018         |
| F                | KOG                       | Kone OYJ - Stock Future                                      | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 39,1500    |      | 39           | 0             | 22-10-2018         |
| F                | KPN                       | KPN NV - Stock Future  | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3733     |      | 2            | 0             | 22-10-2018         |
| F                | KPN                       | KPN NV - Stock Future  | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,37       |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name                   | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|-----------------------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| F                | KPB                       | KPN Koninklijke - Dividend Future | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1380     | 0    | 0            | 0             | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV                | 16-11-2018  | 1,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7800     | 1    | 0            | 0             | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV                | 16-11-2018  | 1,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV                | 16-11-2018  | 1,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5800     | 1    | 0            | 8             | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV                | 16-11-2018  | 1,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV                | 16-11-2018  | 2,0000         | C                 | EUR               | 0,3800 | 0,3800 | 0,3800 | 1           | 0,3800 | 0,3800     | 0    | 6            | 56            | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV                | 16-11-2018  | 2,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV                | 16-11-2018  | 2,1000         | C                 | EUR               | 0,2900 | 0,2900 | 0,2900 | 1           | 0,2900 | 0,2800     | 0    | 1            | 38            | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV                | 16-11-2018  | 2,1000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 19            | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV                | 16-11-2018  | 2,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1900     | 0    | 0            | 113           | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV                | 16-11-2018  | 2,2000         | P                 | EUR               | 0,0200 | 0,0200 | 0,0200 | 1           | 0,0200 | 0,0200     | 0    | 15           | 216           | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV                | 16-11-2018  | 2,3000         | C                 | EUR               | 0,1100 | 0,1100 | 0,1100 | 1           | 0,1100 | 0,1100     | 0    | 1            | 124           | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV                | 16-11-2018  | 2,3000         | P                 | EUR               | 0,0300 | 0,0400 | 0,0300 | 4           | 0,0400 | 0,0400     | 0    | 53           | 937           | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV                | 16-11-2018  | 2,4000         | C                 | EUR               | 0,0700 | 0,0700 | 0,0700 | 1           | 0,0700 | 0,0500     | 0    | 45           | 1046          | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV                | 16-11-2018  | 2,4000         | P                 | EUR               | 0,0800 | 0,0800 | 0,0800 | 3           | 0,0800 | 0,0800     | 0    | 42           | 185           | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV                | 16-11-2018  | 2,5000         | C                 | EUR               | 0,0300 | 0,0300 | 0,0300 | 1           | 0,0300 | 0,0200     | 0    | 50           | 50            | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV                | 16-11-2018  | 2,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1500     | 0    | 0            | 5             | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV                | 16-11-2018  | 2,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV                | 16-11-2018  | 2,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2300     | 0    | 0            | 20            | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV                | 16-11-2018  | 2,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV                | 16-11-2018  | 2,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4300     | 0    | 0            | 0             | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV                | 16-11-2018  | 3,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV                | 16-11-2018  | 3,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6300     | 1    | 0            | 14            | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV                | 21-12-2018  | 0,4600         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9100     | 2    | 0            | 15            | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV                | 21-12-2018  | 0,4600         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 20            | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV                | 21-12-2018  | 0,9000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4700     | 1    | 0            | 153           | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV                | 21-12-2018  | 0,9000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 85            | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV                | 21-12-2018  | 1,4900         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8800     | 1    | 0            | 3             | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV                | 21-12-2018  | 1,4900         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 75            | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV                | 21-12-2018  | 1,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7700     | 1    | 0            | 0             | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV                | 21-12-2018  | 1,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV                | 21-12-2018  | 1,8000         | C                 | EUR               | 0,5900 | 0,5900 | 0,5900 | 1           | 0,5900 | 0,5700     | 1    | 5            | 3330          | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV                | 21-12-2018  | 1,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 840           | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV                | 21-12-2018  | 1,9900         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4000     | 0    | 0            | 31            | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV                | 21-12-2018  | 1,9900         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 65            | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV                | 21-12-2018  | 2,1000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2900     | 0    | 0            | 15            | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV                | 21-12-2018  | 2,1000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 106           | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV                | 21-12-2018  | 2,2000         | C                 | EUR               | 0,2100 | 0,2100 | 0,2100 | 1           | 0,2100 | 0,2100     | 0    | 3            | 83            | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV                | 21-12-2018  | 2,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     | 0    | 0            | 48            | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV                | 21-12-2018  | 2,2500         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1700     | 0    | 0            | 4620          | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV                | 21-12-2018  | 2,2500         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 4310          | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV                | 21-12-2018  | 2,3000         | C                 | EUR               | 0,1400 | 0,1400 | 0,1400 | 1           | 0,1400 | 0,1400     | 0    | 10           | 2319          | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV                | 21-12-2018  | 2,3000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 0            | 1471          | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV                | 21-12-2018  | 2,3900         | C                 | EUR               | 0,1000 | 0,1000 | 0,0800 | 2           | 0,0800 | 0,0900     | 0    | 7            | 4340          | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV                | 21-12-2018  | 2,3900         | P                 | EUR               | 0,0900 | 0,1000 | 0,0900 | 3           | 0,1000 | 0,1000     | 0    | 62           | 840           | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV                | 21-12-2018  | 2,4800         | C                 | EUR               | 0,0600 | 0,0600 | 0,0600 | 2           | 0,0600 | 0,0500     | 0    | 12           | 5725          | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV                | 21-12-2018  | 2,4800         | P                 | EUR               | 0,1400 | 0,1500 | 0,1400 | 2           | 0,1500 | 0,1600     | 0    | 2            | 1721          | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV                | 21-12-2018  | 2,5900         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 7547          | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV                | 21-12-2018  | 2,5900         | P                 | EUR               | 0,2200 | 0,2200 | 0,2200 | 1           | 0,2200 | 0,2400     | 0    | 20           | 1599          | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV                | 21-12-2018  | 2,7000         | C                 | EUR               | 0,0200 | 0,0200 | 0,0200 | 1           | 0,0200 | 0,0100     | 0    | 2            | 14534         | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV                | 21-12-2018  | 2,7000         | P                 | EUR               | 0,3100 | 0,3100 | 0,3100 | 1           | 0,3100 | 0,3400     | 0    | 5            | 9720          | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV                | 21-12-2018  | 2,7800         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 1329          | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV                | 21-12-2018  | 2,7800         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4100     | 0    | 0            | 1962          | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV                | 21-12-2018  | 2,8900         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 7630          | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV                | 21-12-2018  | 2,8900         | P                 | EUR               | 0,4900 | 0,5300 | 0,4900 | 6           | 0,5300 | 0,5200     | 1    | 505          | 4586          | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV                | 21-12-2018  | 2,9800         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 1692          | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV                | 21-12-2018  | 2,9800         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6100     | 1    | 0            | 604           | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV                | 21-12-2018  | 3,1400         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 52100         | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV                | 21-12-2018  | 3,1400         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7700     | 1    | 0            | 5814          | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV                | 21-12-2018  | 3,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 6310          | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV                | 21-12-2018  | 3,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2300     | 1    | 0            | 2697          | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV                | 21-12-2018  | 3,8100         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 147           | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV                | 21-12-2018  | 3,8100         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4400     | 1    | 0            | 760           | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV                | 21-12-2018  | 4,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 10123         | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV                | 21-12-2018  | 4,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6300     | 2    | 0            | 1055          | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV                | 21-12-2018  | 4,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 503           | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV                | 21-12-2018  | 4,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1300     | 2    | 0            | 1862          | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV                | 21-12-2018  | 5,4100         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 1673          | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV                | 21-12-2018  | 5,4100         | P                 | EUR               | 3,0400 | 3,0400 | 3,0400 | 1           | 3,0400 | 3,0400     | 3    | 2            | 1430          | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV                | 21-12-2018  | 5,4400         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 365           | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV                | 21-12-2018  | 5,4400         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0700     | 3    | 0            | 50            | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV                | 18-1-2019   | 1,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5800     | 1    | 0            | 0             | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV                | 18-1-2019   | 1,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV                | 18-1-2019   | 2,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3900     | 0    | 0            | 0             | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV                | 18-1-2019   | 2,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV                | 18-1-2019   | 2,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0      |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name    | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|--------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | KPN                       | KONINKLIJKE KPN NV | 18-1-2019   | 2,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV | 18-1-2019   | 2,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4400     | 0    | 0            | 0             | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV | 18-1-2019   | 3,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV | 18-1-2019   | 3,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6300     | 1    | 0            | 0             | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV | 15-3-2019   | 0,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8700     | 2    | 0            | 0             | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV | 15-3-2019   | 0,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV | 15-3-2019   | 0,9900         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3800     | 1    | 5            | 5             | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV | 15-3-2019   | 0,9900         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV | 15-3-2019   | 1,4900         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8800     | 1    | 0            | 89            | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV | 15-3-2019   | 1,4900         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV | 15-3-2019   | 1,9900         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4100     | 0    | 533          | 533           | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV | 15-3-2019   | 1,9900         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 192          | 192           | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV | 15-3-2019   | 2,1900         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2500     | 0    | 1104         | 1104          | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV | 15-3-2019   | 2,1900         | P                 | EUR               | 0,0600 | 0,0600 | 0,0600 | 6           | 0,0600 | 0,0600     | 0    | 804          | 3812          | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV | 15-3-2019   | 2,3900         | C                 | EUR               | 0,1400 | 0,1400 | 0,1400 | 2           | 0,1400 | 0,1300     | 0    | 20           | 4653          | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV | 15-3-2019   | 2,3900         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1400     | 0    | 0            | 1672          | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV | 15-3-2019   | 2,5900         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 0            | 1882          | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV | 15-3-2019   | 2,5900         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2700     | 0    | 0            | 1297          | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV | 15-3-2019   | 2,7800         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 419           | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV | 15-3-2019   | 2,7800         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4300     | 0    | 0            | 801           | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV | 15-3-2019   | 2,9800         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 196           | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV | 15-3-2019   | 2,9800         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6200     | 1    | 0            | 468           | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV | 15-3-2019   | 3,4800         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 3             | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV | 15-3-2019   | 3,4800         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1100     | 1    | 0            | 265           | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV | 15-3-2019   | 3,9800         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV | 15-3-2019   | 3,9800         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6100     | 2    | 0            | 81            | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV | 21-6-2019   | 0,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8800     | 2    | 0            | 0             | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV | 21-6-2019   | 0,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV | 21-6-2019   | 0,9900         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3900     | 1    | 0            | 0             | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV | 21-6-2019   | 0,9900         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 1             | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV | 21-6-2019   | 1,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8800     | 1    | 0            | 42            | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV | 21-6-2019   | 1,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV | 21-6-2019   | 1,9900         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4300     | 0    | 0            | 4373          | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV | 21-6-2019   | 1,9900         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 0            | 319           | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV | 21-6-2019   | 2,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2600     | 0    | 0            | 1991          | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV | 21-6-2019   | 2,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     | 0    | 0            | 1401          | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV | 21-6-2019   | 2,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1500     | 0    | 0            | 852           | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV | 21-6-2019   | 2,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2200     | 0    | 0            | 1875          | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV | 21-6-2019   | 2,4900         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     | 0    | 0            | 3884          | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV | 21-6-2019   | 2,4900         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2800     | 0    | 0            | 4501          | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV | 21-6-2019   | 2,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     | 0    | 0            | 734           | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV | 21-6-2019   | 2,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3600     | 0    | 0            | 559           | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV | 21-6-2019   | 2,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     | 0    | 0            | 146           | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV | 21-6-2019   | 2,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5300     | 1    | 0            | 1191          | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV | 21-6-2019   | 2,9800         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 2335          | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV | 21-6-2019   | 2,9800         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7000     | 1    | 0            | 4209          | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV | 21-6-2019   | 3,4800         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 677           | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV | 21-6-2019   | 3,4800         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1800     | 1    | 0            | 522           | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV | 21-6-2019   | 3,9800         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 186           | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV | 21-6-2019   | 3,9800         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6800     | 2    | 0            | 799           | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV | 20-9-2019   | 0,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8700     | 2    | 0            | 0             | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV | 20-9-2019   | 0,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV | 20-9-2019   | 1,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3700     | 1    | 0            | 0             | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV | 20-9-2019   | 1,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV | 20-9-2019   | 1,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8900     | 1    | 0            | 20            | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV | 20-9-2019   | 1,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV | 20-9-2019   | 2,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4200     | 0    | 0            | 0             | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV | 20-9-2019   | 2,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     | 0    | 0            | 12            | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV | 20-9-2019   | 2,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2700     | 0    | 0            | 1             | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV | 20-9-2019   | 2,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1600     | 0    | 0            | 11            | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV | 20-9-2019   | 2,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1700     | 0    | 0            | 31            | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV | 20-9-2019   | 2,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2700     | 0    | 0            | 1             | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV | 20-9-2019   | 2,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1000     | 0    | 0            | 1             | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV | 20-9-2019   | 2,6000         | P                 | EUR               | 0,4100 | 0,4100 | 0,4100 | 1           | 0,4100 | 0,4100     | 0    | 34           | 54            | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV | 20-9-2019   | 3,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 0             | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV | 20-9-2019   | 3,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7600     | 1    | 0            | 59            | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV | 20-9-2019   | 3,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV | 20-9-2019   | 3,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2300     | 1    | 0            | 0             | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV | 20-9-2019   | 4,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV | 20-9-2019   | 4,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7300     | 2    | 0            | 3             | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV | 20-12-2019  | 0,9000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4800     | 1    | 0            | 92            | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV | 20-12-2019  | 0,9000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 727           | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV | 20-12-2019  | 1,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8900     | 1    | 0            | 486           | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV | 20-12-2019  | 1,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV | 20-12-2019  | 1,8000         | C                 | EUR               | 0,6200 | 0,6200 | 0,6200 | 1           | 0,6200 | 0,6000     | 1    | 5            | 2271          | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV | 20-12-2019  | 1,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 0            | 853           | 22-10-2018         |
| O                | KPN                       | KONINKLIJKE KPN NV | 20-12-2019  | 2,0000         | C                 |                   |        |        |        |             |        |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name        | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|------------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | KPN                       | KONINKLIJKE KPN NV     | 20-12-2019  | 3,1400         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9000     |      | 1            | 0             | 11728 22-10-2018   |
| O                | KPN                       | KONINKLIJKE KPN NV     | 20-12-2019  | 3,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 5956 22-10-2018    |
| O                | KPN                       | KONINKLIJKE KPN NV     | 20-12-2019  | 3,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3500     |      | 1            | 0             | 6560 22-10-2018    |
| O                | KPN                       | KONINKLIJKE KPN NV     | 20-12-2019  | 4,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 300 22-10-2018     |
| O                | KPN                       | KONINKLIJKE KPN NV     | 20-12-2019  | 4,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7400     |      | 2            | 0             | 3 22-10-2018       |
| O                | KPN                       | KONINKLIJKE KPN NV     | 20-12-2019  | 4,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 568 22-10-2018     |
| O                | KPN                       | KONINKLIJKE KPN NV     | 20-12-2019  | 4,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2400     |      | 2            | 0             | 3971 22-10-2018    |
| O                | KPN                       | KONINKLIJKE KPN NV     | 20-12-2019  | 5,4100         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 1024 22-10-2018    |
| O                | KPN                       | KONINKLIJKE KPN NV     | 20-12-2019  | 5,4100         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1500     |      | 3            | 0             | 2170 22-10-2018    |
| O                | KPN                       | KONINKLIJKE KPN NV     | 19-6-2020   | 1,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3800     |      | 1            | 0             | 10 22-10-2018      |
| O                | KPN                       | KONINKLIJKE KPN NV     | 19-6-2020   | 1,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0 22-10-2018       |
| O                | KPN                       | KONINKLIJKE KPN NV     | 19-6-2020   | 1,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8800     |      | 1            | 0             | 108 22-10-2018     |
| O                | KPN                       | KONINKLIJKE KPN NV     | 19-6-2020   | 1,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     |      | 0            | 0             | 0 22-10-2018       |
| O                | KPN                       | KONINKLIJKE KPN NV     | 19-6-2020   | 2,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4500     |      | 0            | 0             | 482 22-10-2018     |
| O                | KPN                       | KONINKLIJKE KPN NV     | 19-6-2020   | 2,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1600     |      | 0            | 0             | 211 22-10-2018     |
| O                | KPN                       | KONINKLIJKE KPN NV     | 19-6-2020   | 2,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1800     |      | 0            | 0             | 551 22-10-2018     |
| O                | KPN                       | KONINKLIJKE KPN NV     | 19-6-2020   | 2,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4400     |      | 0            | 0             | 59 22-10-2018      |
| O                | KPN                       | KONINKLIJKE KPN NV     | 19-6-2020   | 3,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     |      | 0            | 0             | 350 22-10-2018     |
| O                | KPN                       | KONINKLIJKE KPN NV     | 19-6-2020   | 3,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8500     |      | 1            | 0             | 353 22-10-2018     |
| O                | KPN                       | KONINKLIJKE KPN NV     | 19-6-2020   | 4,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0 22-10-2018       |
| O                | KPN                       | KONINKLIJKE KPN NV     | 19-6-2020   | 4,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8000     |      | 2            | 0             | 352 22-10-2018     |
| O                | KPN                       | KONINKLIJKE KPN NV     | 18-12-2020  | 0,9000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4800     |      | 1            | 0             | 172 22-10-2018     |
| O                | KPN                       | KONINKLIJKE KPN NV     | 18-12-2020  | 0,9000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 529 22-10-2018     |
| O                | KPN                       | KONINKLIJKE KPN NV     | 18-12-2020  | 1,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8900     |      | 1            | 0             | 40 22-10-2018      |
| O                | KPN                       | KONINKLIJKE KPN NV     | 18-12-2020  | 1,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     |      | 0            | 0             | 0 22-10-2018       |
| O                | KPN                       | KONINKLIJKE KPN NV     | 18-12-2020  | 1,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6100     |      | 1            | 0             | 5703 22-10-2018    |
| O                | KPN                       | KONINKLIJKE KPN NV     | 18-12-2020  | 1,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     |      | 0            | 0             | 2748 22-10-2018    |
| O                | KPN                       | KONINKLIJKE KPN NV     | 18-12-2020  | 2,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4600     |      | 0            | 0             | 1036 22-10-2018    |
| O                | KPN                       | KONINKLIJKE KPN NV     | 18-12-2020  | 2,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2100     |      | 0            | 0             | 212 22-10-2018     |
| O                | KPN                       | KONINKLIJKE KPN NV     | 18-12-2020  | 2,4800         | C                 | EUR               | 0,2300 | 0,2300 | 0,2300 | 1           | 0,2300 | 0,2200     |      | 0            | 30            | 4159 22-10-2018    |
| O                | KPN                       | KONINKLIJKE KPN NV     | 18-12-2020  | 2,4800         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4900     |      | 0            | 0             | 3343 22-10-2018    |
| O                | KPN                       | KONINKLIJKE KPN NV     | 18-12-2020  | 2,7000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1600     |      | 0            | 0             | 13385 22-10-2018   |
| O                | KPN                       | KONINKLIJKE KPN NV     | 18-12-2020  | 2,7000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6500     |      | 1            | 0             | 8590 22-10-2018    |
| O                | KPN                       | KONINKLIJKE KPN NV     | 18-12-2020  | 3,1400         | C                 | EUR               | 0,0900 | 0,0900 | 0,0800 | 2           | 0,0800 | 0,0800     |      | 0            | 50            | 15480 22-10-2018   |
| O                | KPN                       | KONINKLIJKE KPN NV     | 18-12-2020  | 3,1400         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0200     |      | 1            | 0             | 18773 22-10-2018   |
| O                | KPN                       | KONINKLIJKE KPN NV     | 18-12-2020  | 3,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     |      | 0            | 0             | 2216 22-10-2018    |
| O                | KPN                       | KONINKLIJKE KPN NV     | 18-12-2020  | 3,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4500     |      | 1            | 0             | 3450 22-10-2018    |
| O                | KPN                       | KONINKLIJKE KPN NV     | 18-12-2020  | 4,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     |      | 0            | 0             | 0 22-10-2018       |
| O                | KPN                       | KONINKLIJKE KPN NV     | 18-12-2020  | 4,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8400     |      | 2            | 0             | 98 22-10-2018      |
| O                | KPN                       | KONINKLIJKE KPN NV     | 18-12-2020  | 4,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 1117 22-10-2018    |
| O                | KPN                       | KONINKLIJKE KPN NV     | 18-12-2020  | 4,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3300     |      | 2            | 0             | 3532 22-10-2018    |
| O                | KPN                       | KONINKLIJKE KPN NV     | 18-12-2020  | 5,4100         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 10011 22-10-2018   |
| O                | KPN                       | KONINKLIJKE KPN NV     | 18-12-2020  | 5,4100         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2400     |      | 3            | 0             | 956 22-10-2018     |
| O                | KPN                       | KONINKLIJKE KPN NV     | 17-12-2021  | 0,5000         | C                 | EUR               | 1,9200 | 1,9200 | 1,9200 | 1           | 1,9200 | 1,8800     |      | 2            | 20            | 90 22-10-2018      |
| O                | KPN                       | KONINKLIJKE KPN NV     | 17-12-2021  | 0,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0 22-10-2018       |
| O                | KPN                       | KONINKLIJKE KPN NV     | 17-12-2021  | 0,9800         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4000     |      | 1            | 0             | 249 22-10-2018     |
| O                | KPN                       | KONINKLIJKE KPN NV     | 17-12-2021  | 0,9800         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     |      | 0            | 0             | 134 22-10-2018     |
| O                | KPN                       | KONINKLIJKE KPN NV     | 17-12-2021  | 1,9800         | C                 | EUR               | 0,5100 | 0,5100 | 0,5100 | 1           | 0,5100 | 0,5000     |      | 1            | 63            | 5914 22-10-2018    |
| O                | KPN                       | KONINKLIJKE KPN NV     | 17-12-2021  | 1,9800         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2800     |      | 0            | 0             | 3804 22-10-2018    |
| O                | KPN                       | KONINKLIJKE KPN NV     | 17-12-2021  | 2,4800         | C                 | EUR               | 0,2900 | 0,2900 | 0,2900 | 1           | 0,2900 | 0,2600     |      | 0            | 1             | 5139 22-10-2018    |
| O                | KPN                       | KONINKLIJKE KPN NV     | 17-12-2021  | 2,4800         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5800     |      | 1            | 0             | 1936 22-10-2018    |
| O                | KPN                       | KONINKLIJKE KPN NV     | 17-12-2021  | 2,9600         | C                 | EUR               | 0,1500 | 0,1500 | 0,1500 | 1           | 0,1500 | 0,1400     |      | 0            | 10            | 2447 22-10-2018    |
| O                | KPN                       | KONINKLIJKE KPN NV     | 17-12-2021  | 2,9600         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9400     |      | 1            | 0             | 2792 22-10-2018    |
| O                | KPN                       | KONINKLIJKE KPN NV     | 17-12-2021  | 3,9600         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     |      | 0            | 0             | 1414 22-10-2018    |
| O                | KPN                       | KONINKLIJKE KPN NV     | 17-12-2021  | 3,9600         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8600     |      | 2            | 0             | 1687 22-10-2018    |
| O                | KPN                       | KONINKLIJKE KPN NV     | 17-12-2021  | 5,9400         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 875 22-10-2018     |
| O                | KPN                       | KONINKLIJKE KPN NV     | 17-12-2021  | 5,9400         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8200     |      | 4            | 0             | 1948 22-10-2018    |
| O                | KPN                       | KONINKLIJKE KPN NV     | 16-12-2022  | 0,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8700     |      | 2            | 0             | 0 22-10-2018       |
| O                | KPN                       | KONINKLIJKE KPN NV     | 16-12-2022  | 0,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0 22-10-2018       |
| O                | KPN                       | KONINKLIJKE KPN NV     | 16-12-2022  | 0,9900         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3900     |      | 1            | 0             | 235 22-10-2018     |
| O                | KPN                       | KONINKLIJKE KPN NV     | 16-12-2022  | 0,9900         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     |      | 0            | 0             | 0 22-10-2018       |
| O                | KPN                       | KONINKLIJKE KPN NV     | 16-12-2022  | 1,9900         | C                 | EUR               | 0,5400 | 0,5700 | 0,5300 | 3           | 0,5300 | 0,5300     |      | 1            | 35            | 3703 22-10-2018    |
| O                | KPN                       | KONINKLIJKE KPN NV     | 16-12-2022  | 1,9900         | P                 | EUR               | 0,3200 | 0,3600 | 0,3200 | 4           | 0,3600 | 0,3500     |      | 0            | 22            | 2163 22-10-2018    |
| O                | KPN                       | KONINKLIJKE KPN NV     | 16-12-2022  | 2,4900         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3000     |      | 0            | 0             | 4508 22-10-2018    |
| O                | KPN                       | KONINKLIJKE KPN NV     | 16-12-2022  | 2,4900         | P                 | EUR               | 0,6500 | 0,6500 | 0,6500 | 1           | 0,6500 | 0,6600     |      | 1            | 100           | 2915 22-10-2018    |
| O                | KPN                       | KONINKLIJKE KPN NV     | 16-12-2022  | 2,9800         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1800     |      | 0            | 0             | 4383 22-10-2018    |
| O                | KPN                       | KONINKLIJKE KPN NV     | 16-12-2022  | 2,9800         | P                 | EUR               | 1,0200 | 1,0200 | 1,0200 | 1           | 1,0200 | 1,0300     |      | 1            | 1             | 3653 22-10-2018    |
| O                | KPN                       | KONINKLIJKE KPN NV     | 16-12-2022  | 3,9800         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     |      | 0            | 0             | 648 22-10-2018     |
| O                | KPN                       | KONINKLIJKE KPN NV     | 16-12-2022  | 3,9800         | P                 | EUR               | 1,9300 | 1,9300 | 1,9300 | 1           | 1,9300 | 1,9400     |      | 2            | 1             | 905 22-10-2018     |
| O                | KPN                       | KONINKLIJKE KPN NV     | 16-12-2022  | 5,9700         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 0             | 31 22-10-2018      |
| O                | KPN                       | KONINKLIJKE KPN NV     | 16-12-2022  | 5,9700         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8800     |      | 4            | 0             | 6075 22-10-2018    |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 21-12-2018  | 0,4600         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9100     |      | 2            | 0             | 30 22-10-2018      |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 21-12-2018  | 0,4600         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 40 22-10-2018      |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 21-12-2018  | 0,9000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4700     |      | 1            | 0             | 458 22-10-2018     |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 21-12-2018  | 0,9000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 155 22-10-2018     |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 21-12-2018  | 1,4900         | C                 | EUR               | 0,0000 | 0,000  |        |             |        |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name          | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open    | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|--------------------------|-------------|----------------|-------------------|-------------------|---------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | KPV                       | KONINKLIJKE KPN NV OLD   | 21-12-2018  | 2,4800         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 3648          | 22-10-2018         |
| O                | KPV                       | KONINKLIJKE KPN NV OLD   | 21-12-2018  | 2,4800         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,1600     | 0    | 0            | 1597          | 22-10-2018         |
| O                | KPV                       | KONINKLIJKE KPN NV OLD   | 21-12-2018  | 2,5900         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 5920          | 22-10-2018         |
| O                | KPV                       | KONINKLIJKE KPN NV OLD   | 21-12-2018  | 2,5900         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,2400     | 0    | 0            | 790           | 22-10-2018         |
| O                | KPV                       | KONINKLIJKE KPN NV OLD   | 21-12-2018  | 2,7000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 23105         | 22-10-2018         |
| O                | KPV                       | KONINKLIJKE KPN NV OLD   | 21-12-2018  | 2,7000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,3400     | 0    | 0            | 11323         | 22-10-2018         |
| O                | KPV                       | KONINKLIJKE KPN NV OLD   | 21-12-2018  | 2,7800         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 1648          | 22-10-2018         |
| O                | KPV                       | KONINKLIJKE KPN NV OLD   | 21-12-2018  | 2,7800         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,4100     | 0    | 0            | 1216          | 22-10-2018         |
| O                | KPV                       | KONINKLIJKE KPN NV OLD   | 21-12-2018  | 2,8900         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 6787          | 22-10-2018         |
| O                | KPV                       | KONINKLIJKE KPN NV OLD   | 21-12-2018  | 2,8900         | P                 | EUR               | 0,4900  | 0,4900 | 0,4900 | 2           | 0,4900 | 0,5200     | 1    | 500          | 4402          | 22-10-2018         |
| O                | KPV                       | KONINKLIJKE KPN NV OLD   | 21-12-2018  | 2,9800         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 1741          | 22-10-2018         |
| O                | KPV                       | KONINKLIJKE KPN NV OLD   | 21-12-2018  | 2,9800         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,6100     | 1    | 0            | 214           | 22-10-2018         |
| O                | KPV                       | KONINKLIJKE KPN NV OLD   | 21-12-2018  | 3,1400         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 76029         | 22-10-2018         |
| O                | KPV                       | KONINKLIJKE KPN NV OLD   | 21-12-2018  | 3,1400         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,7700     | 1    | 0            | 8527          | 22-10-2018         |
| O                | KPV                       | KONINKLIJKE KPN NV OLD   | 21-12-2018  | 3,6000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 10298         | 22-10-2018         |
| O                | KPV                       | KONINKLIJKE KPN NV OLD   | 21-12-2018  | 3,6000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,2300     | 1    | 0            | 7498          | 22-10-2018         |
| O                | KPV                       | KONINKLIJKE KPN NV OLD   | 21-12-2018  | 3,8100         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 293           | 22-10-2018         |
| O                | KPV                       | KONINKLIJKE KPN NV OLD   | 21-12-2018  | 3,8100         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,4400     | 1    | 0            | 1271          | 22-10-2018         |
| O                | KPV                       | KONINKLIJKE KPN NV OLD   | 21-12-2018  | 4,0000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 20010         | 22-10-2018         |
| O                | KPV                       | KONINKLIJKE KPN NV OLD   | 21-12-2018  | 4,0000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,6300     | 2    | 0            | 1050          | 22-10-2018         |
| O                | KPV                       | KONINKLIJKE KPN NV OLD   | 21-12-2018  | 4,5000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 1487          | 22-10-2018         |
| O                | KPV                       | KONINKLIJKE KPN NV OLD   | 21-12-2018  | 4,5000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,1300     | 2    | 0            | 3003          | 22-10-2018         |
| O                | KPV                       | KONINKLIJKE KPN NV OLD   | 21-12-2018  | 5,4100         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 4259          | 22-10-2018         |
| O                | KPV                       | KONINKLIJKE KPN NV OLD   | 21-12-2018  | 5,4100         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 3,0400     | 3    | 0            | 2678          | 22-10-2018         |
| O                | KPV                       | KONINKLIJKE KPN NV OLD   | 21-12-2018  | 5,4400         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 465           | 22-10-2018         |
| O                | KPV                       | KONINKLIJKE KPN NV OLD   | 21-12-2018  | 5,4400         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 3,0700     | 3    | 0            | 25            | 22-10-2018         |
| O                | KPV                       | KONINKLIJKE KPN NV OLD   | 15-3-2019   | 0,9900         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,3800     | 1    | 0            | 0             | 22-10-2018         |
| O                | KPV                       | KONINKLIJKE KPN NV OLD   | 15-3-2019   | 0,9900         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | KPV                       | KONINKLIJKE KPN NV OLD   | 15-3-2019   | 1,4900         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,8800     | 1    | 0            | 0             | 22-10-2018         |
| O                | KPV                       | KONINKLIJKE KPN NV OLD   | 15-3-2019   | 1,4900         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | KPV                       | KONINKLIJKE KPN NV OLD   | 15-3-2019   | 1,9900         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,4100     | 0    | 0            | 0             | 22-10-2018         |
| O                | KPV                       | KONINKLIJKE KPN NV OLD   | 15-3-2019   | 1,9900         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 50            | 22-10-2018         |
| O                | KPV                       | KONINKLIJKE KPN NV OLD   | 15-3-2019   | 2,1900         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,2500     | 0    | 0            | 350           | 22-10-2018         |
| O                | KPV                       | KONINKLIJKE KPN NV OLD   | 15-3-2019   | 2,1900         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 0            | 1555          | 22-10-2018         |
| O                | KPV                       | KONINKLIJKE KPN NV OLD   | 15-3-2019   | 2,3900         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     | 0    | 0            | 1564          | 22-10-2018         |
| O                | KPV                       | KONINKLIJKE KPN NV OLD   | 15-3-2019   | 2,3900         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,1400     | 0    | 0            | 315           | 22-10-2018         |
| O                | KPV                       | KONINKLIJKE KPN NV OLD   | 15-3-2019   | 2,5900         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 0            | 1742          | 22-10-2018         |
| O                | KPV                       | KONINKLIJKE KPN NV OLD   | 15-3-2019   | 2,5900         | P                 | EUR               | 15,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2700     | 0    | 0            | 1020          | 22-10-2018         |
| O                | KPV                       | KONINKLIJKE KPN NV OLD   | 15-3-2019   | 2,7800         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 297           | 22-10-2018         |
| O                | KPV                       | KONINKLIJKE KPN NV OLD   | 15-3-2019   | 2,7800         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,4300     | 0    | 0            | 605           | 22-10-2018         |
| O                | KPV                       | KONINKLIJKE KPN NV OLD   | 15-3-2019   | 2,9800         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 102           | 22-10-2018         |
| O                | KPV                       | KONINKLIJKE KPN NV OLD   | 15-3-2019   | 2,9800         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,6200     | 1    | 0            | 427           | 22-10-2018         |
| O                | KPV                       | KONINKLIJKE KPN NV OLD   | 15-3-2019   | 3,4800         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 1             | 22-10-2018         |
| O                | KPV                       | KONINKLIJKE KPN NV OLD   | 15-3-2019   | 3,4800         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,1100     | 1    | 0            | 245           | 22-10-2018         |
| O                | KPV                       | KONINKLIJKE KPN NV OLD   | 15-3-2019   | 3,9800         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | KPV                       | KONINKLIJKE KPN NV OLD   | 15-3-2019   | 3,9800         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,6100     | 2    | 0            | 74            | 22-10-2018         |
| O                | KPV                       | KONINKLIJKE KPN NV OLD   | 21-6-2019   | 0,9900         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,3900     | 1    | 0            | 0             | 22-10-2018         |
| O                | KPV                       | KONINKLIJKE KPN NV OLD   | 21-6-2019   | 0,9900         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 1             | 22-10-2018         |
| O                | KPV                       | KONINKLIJKE KPN NV OLD   | 21-6-2019   | 1,9900         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,4300     | 0    | 0            | 3632          | 22-10-2018         |
| O                | KPV                       | KONINKLIJKE KPN NV OLD   | 21-6-2019   | 1,9900         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 0            | 101           | 22-10-2018         |
| O                | KPV                       | KONINKLIJKE KPN NV OLD   | 21-6-2019   | 2,4900         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     | 0    | 0            | 2219          | 22-10-2018         |
| O                | KPV                       | KONINKLIJKE KPN NV OLD   | 21-6-2019   | 2,4900         | P                 | EUR               | 0,2900  | 0,2900 | 0,2900 | 1           | 0,2900 | 0,2800     | 0    | 1            | 2962          | 22-10-2018         |
| O                | KPV                       | KONINKLIJKE KPN NV OLD   | 21-6-2019   | 2,9800         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 2543          | 22-10-2018         |
| O                | KPV                       | KONINKLIJKE KPN NV OLD   | 21-6-2019   | 2,9800         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,7000     | 1    | 0            | 1049          | 22-10-2018         |
| O                | KPV                       | KONINKLIJKE KPN NV OLD   | 21-6-2019   | 3,4800         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 657           | 22-10-2018         |
| O                | KPV                       | KONINKLIJKE KPN NV OLD   | 21-6-2019   | 3,4800         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,1800     | 1    | 0            | 59            | 22-10-2018         |
| O                | KPV                       | KONINKLIJKE KPN NV OLD   | 21-6-2019   | 3,9800         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 186           | 22-10-2018         |
| O                | KPV                       | KONINKLIJKE KPN NV OLD   | 21-6-2019   | 3,9800         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,6800     | 2    | 0            | 964           | 22-10-2018         |
| O                | KPV                       | KONINKLIJKE KPN NV OLD   | 20-12-2019  | 0,9000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,4800     | 1    | 0            | 479           | 22-10-2018         |
| O                | KPV                       | KONINKLIJKE KPN NV OLD   | 20-12-2019  | 0,9000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 2181          | 22-10-2018         |
| O                | KPV                       | KONINKLIJKE KPN NV OLD   | 20-12-2019  | 1,8000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,6000     | 1    | 0            | 4000          | 22-10-2018         |
| O                | KPV                       | KONINKLIJKE KPN NV OLD   | 20-12-2019  | 1,8000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 0            | 2086          | 22-10-2018         |
| O                | KPV                       | KONINKLIJKE KPN NV OLD   | 20-12-2019  | 2,2500         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,2600     | 0    | 0            | 7803          | 22-10-2018         |
| O                | KPV                       | KONINKLIJKE KPN NV OLD   | 20-12-2019  | 2,2500         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,2100     | 0    | 0            | 9120          | 22-10-2018         |
| O                | KPV                       | KONINKLIJKE KPN NV OLD   | 20-12-2019  | 2,4800         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,1600     | 0    | 0            | 4670          | 22-10-2018         |
| O                | KPV                       | KONINKLIJKE KPN NV OLD   | 20-12-2019  | 2,4800         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,3500     | 0    | 0            | 7204          | 22-10-2018         |
| O                | KPV                       | KONINKLIJKE KPN NV OLD   | 20-12-2019  | 2,7000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     | 0    | 0            | 37392         | 22-10-2018         |
| O                | KPV                       | KONINKLIJKE KPN NV OLD   | 20-12-2019  | 2,7000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,5200     | 1    | 0            | 6591          | 22-10-2018         |
| O                | KPV                       | KONINKLIJKE KPN NV OLD   | 20-12-2019  | 3,1400         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 23811         | 22-10-2018         |
| O                | KPV                       | KONINKLIJKE KPN NV OLD   | 20-12-2019  | 3,1400         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,9000     | 1    | 0            | 24516         | 22-10-2018         |
| O                | KPV                       | KONINKLIJKE KPN NV OLD   | 20-12-2019  | 3,6000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 14348         | 22-10-2018         |
| O                | KPV                       | KONINKLIJKE KPN NV OLD   | 20-12-2019  | 3,6000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,3500     | 1    | 0            | 13187         | 22-10-2018         |
| O                | KPV                       | KONINKLIJKE KPN NV OLD   | 20-12-2019  | 4,5000         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 1468          | 22-10-2018         |
| O                | KPV                       | KONINKLIJKE KPN NV OLD   | 20-12-2019  | 4,5000         | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,2400     | 2    | 0            | 3392          | 22-10-2018         |
| O                | KPV                       | KONINKLIJKE KPN NV OLD   | 20-12-2019  | 5,4100         | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 2397          | 22-10-2018         |
| O                | KPV                       | KONINKLIJKE KPN NV OLD</ |             |                |                   |                   |         |        |        |             |        |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name        | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|------------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 18-12-2020  | 3,1400         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0200     |      | 1            | 0             | 20745 22-10-2018   |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 18-12-2020  | 3,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     |      | 0            | 0             | 5245 22-10-2018    |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 18-12-2020  | 3,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4500     |      | 1            | 0             | 1944 22-10-2018    |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 18-12-2020  | 4,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 1639 22-10-2018    |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 18-12-2020  | 4,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3300     |      | 2            | 0             | 1877 22-10-2018    |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 18-12-2020  | 5,4100         | C                 | EUR               | 0,0200 | 0,0200 | 0,0200 | 1           | 0,0200 | 0,0100     |      | 0            | 1             | 16517 22-10-2018   |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 18-12-2020  | 5,4100         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2400     |      | 3            | 0             | 2140 22-10-2018    |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 17-12-2021  | 0,9800         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4000     |      | 1            | 0             | 257 22-10-2018     |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 17-12-2021  | 0,9800         | P                 | EUR               | 0,0200 | 0,0200 | 0,0200 | 1           | 0,0200 | 0,0300     |      | 0            | 34            | 1470 22-10-2018    |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 17-12-2021  | 1,9800         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5000     |      | 1            | 0             | 7478 22-10-2018    |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 17-12-2021  | 1,9800         | P                 | EUR               | 0,2800 | 0,2800 | 0,2800 | 1           | 0,2800 | 0,2800     |      | 0            | 10            | 4728 22-10-2018    |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 17-12-2021  | 2,4800         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2500     |      | 0            | 0             | 6223 22-10-2018    |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 17-12-2021  | 2,4800         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5800     |      | 1            | 0             | 3368 22-10-2018    |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 17-12-2021  | 2,9600         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1400     |      | 0            | 0             | 3240 22-10-2018    |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 17-12-2021  | 2,9600         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9400     |      | 1            | 0             | 3491 22-10-2018    |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 17-12-2021  | 3,9600         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     |      | 0            | 0             | 1588 22-10-2018    |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 17-12-2021  | 3,9600         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8600     |      | 2            | 0             | 2226 22-10-2018    |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 17-12-2021  | 5,9400         | C                 | EUR               | 0,0100 | 0,0100 | 0,0100 | 1           | 0,0100 | 0,0100     |      | 0            | 18            | 2282 22-10-2018    |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 17-12-2021  | 5,9400         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8200     |      | 4            | 0             | 2665 22-10-2018    |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 16-12-2022  | 0,9900         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3900     |      | 1            | 0             | 126 22-10-2018     |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 16-12-2022  | 0,9900         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     |      | 0            | 0             | 0 22-10-2018       |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 16-12-2022  | 1,9900         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5300     |      | 1            | 0             | 2274 22-10-2018    |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 16-12-2022  | 1,9900         | P                 | EUR               | 0,3700 | 0,3700 | 0,3700 | 1           | 0,3700 | 0,3500     |      | 0            | 2             | 1378 22-10-2018    |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 16-12-2022  | 2,4900         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3000     |      | 0            | 0             | 2267 22-10-2018    |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 16-12-2022  | 2,4900         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6600     |      | 1            | 0             | 1911 22-10-2018    |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 16-12-2022  | 2,9800         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1800     |      | 0            | 0             | 3398 22-10-2018    |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 16-12-2022  | 2,9800         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0300     |      | 1            | 0             | 2719 22-10-2018    |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 16-12-2022  | 3,9800         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     |      | 0            | 0             | 355 22-10-2018     |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 16-12-2022  | 3,9800         | P                 | EUR               | 1,9300 | 1,9300 | 1,9300 | 1           | 1,9300 | 1,9400     |      | 2            | 20            | 505 22-10-2018     |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 16-12-2022  | 5,9700         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 0             | 31 22-10-2018      |
| O                | KPV                       | KONINKLIJKE KPN NV OLD | 16-12-2022  | 5,9700         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8800     |      | 4            | 0             | 826 22-10-2018     |
| O                | KPZ                       | KONINKLIJKE KPN NV OLD | 21-12-2018  | 0,9000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4700     |      | 1            | 0             | 244 22-10-2018     |
| O                | KPZ                       | KONINKLIJKE KPN NV OLD | 21-12-2018  | 0,9000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 42 22-10-2018      |
| O                | KPZ                       | KONINKLIJKE KPN NV OLD | 21-12-2018  | 1,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5700     |      | 1            | 0             | 548 22-10-2018     |
| O                | KPZ                       | KONINKLIJKE KPN NV OLD | 21-12-2018  | 1,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 744 22-10-2018     |
| O                | KPZ                       | KONINKLIJKE KPN NV OLD | 21-12-2018  | 2,2500         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1700     |      | 0            | 0             | 1678 22-10-2018    |
| O                | KPZ                       | KONINKLIJKE KPN NV OLD | 21-12-2018  | 2,2500         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     |      | 0            | 0             | 763 22-10-2018     |
| O                | KPZ                       | KONINKLIJKE KPN NV OLD | 21-12-2018  | 2,7000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 2922 22-10-2018    |
| O                | KPZ                       | KONINKLIJKE KPN NV OLD | 21-12-2018  | 2,7000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3400     |      | 0            | 0             | 1472 22-10-2018    |
| O                | KPZ                       | KONINKLIJKE KPN NV OLD | 21-12-2018  | 2,8900         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0 22-10-2018       |
| O                | KPZ                       | KONINKLIJKE KPN NV OLD | 21-12-2018  | 2,8900         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5200     |      | 1            | 0             | 149 22-10-2018     |
| O                | KPZ                       | KONINKLIJKE KPN NV OLD | 21-12-2018  | 3,1400         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 1896 22-10-2018    |
| O                | KPZ                       | KONINKLIJKE KPN NV OLD | 21-12-2018  | 3,1400         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7700     |      | 1            | 0             | 202 22-10-2018     |
| O                | KPZ                       | KONINKLIJKE KPN NV OLD | 21-12-2018  | 3,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 1614 22-10-2018    |
| O                | KPZ                       | KONINKLIJKE KPN NV OLD | 21-12-2018  | 3,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2300     |      | 1            | 0             | 1270 22-10-2018    |
| O                | KPZ                       | KONINKLIJKE KPN NV OLD | 21-12-2018  | 4,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 487 22-10-2018     |
| O                | KPZ                       | KONINKLIJKE KPN NV OLD | 21-12-2018  | 4,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1300     |      | 2            | 0             | 500 22-10-2018     |
| O                | KPZ                       | KONINKLIJKE KPN NV OLD | 21-12-2018  | 5,4100         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 1214 22-10-2018    |
| O                | KPZ                       | KONINKLIJKE KPN NV OLD | 21-12-2018  | 5,4100         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0400     |      | 3            | 0             | 868 22-10-2018     |
| O                | KPZ                       | KONINKLIJKE KPN NV OLD | 21-12-2018  | 5,4400         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0 22-10-2018       |
| O                | KPZ                       | KONINKLIJKE KPN NV OLD | 21-12-2018  | 5,4400         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0700     |      | 3            | 0             | 0 22-10-2018       |
| O                | KPZ                       | KONINKLIJKE KPN NV OLD | 20-12-2019  | 0,9000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4800     |      | 1            | 0             | 211 22-10-2018     |
| O                | KPZ                       | KONINKLIJKE KPN NV OLD | 20-12-2019  | 0,9000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 727 22-10-2018     |
| O                | KPZ                       | KONINKLIJKE KPN NV OLD | 20-12-2019  | 1,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6000     |      | 1            | 0             | 971 22-10-2018     |
| O                | KPZ                       | KONINKLIJKE KPN NV OLD | 20-12-2019  | 1,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     |      | 0            | 0             | 750 22-10-2018     |
| O                | KPZ                       | KONINKLIJKE KPN NV OLD | 20-12-2019  | 2,2500         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2600     |      | 0            | 0             | 1470 22-10-2018    |
| O                | KPZ                       | KONINKLIJKE KPN NV OLD | 20-12-2019  | 2,2500         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2100     |      | 0            | 0             | 1029 22-10-2018    |
| O                | KPZ                       | KONINKLIJKE KPN NV OLD | 20-12-2019  | 2,7000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     |      | 0            | 0             | 9680 22-10-2018    |
| O                | KPZ                       | KONINKLIJKE KPN NV OLD | 20-12-2019  | 2,7000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5200     |      | 1            | 0             | 1053 22-10-2018    |
| O                | KPZ                       | KONINKLIJKE KPN NV OLD | 20-12-2019  | 3,1400         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     |      | 0            | 0             | 5981 22-10-2018    |
| O                | KPZ                       | KONINKLIJKE KPN NV OLD | 20-12-2019  | 3,1400         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9000     |      | 1            | 0             | 7692 22-10-2018    |
| O                | KPZ                       | KONINKLIJKE KPN NV OLD | 20-12-2019  | 3,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 4015 22-10-2018    |
| O                | KPZ                       | KONINKLIJKE KPN NV OLD | 20-12-2019  | 3,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3500     |      | 1            | 0             | 4206 22-10-2018    |
| O                | KPZ                       | KONINKLIJKE KPN NV OLD | 20-12-2019  | 4,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 418 22-10-2018     |
| O                | KPZ                       | KONINKLIJKE KPN NV OLD | 20-12-2019  | 4,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2400     |      | 2            | 0             | 302 22-10-2018     |
| O                | KPZ                       | KONINKLIJKE KPN NV OLD | 20-12-2019  | 5,4100         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 724 22-10-2018     |
| O                | KPZ                       | KONINKLIJKE KPN NV OLD | 20-12-2019  | 5,4100         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1500     |      | 3            | 0             | 1393 22-10-2018    |
| O                | KPZ                       | KONINKLIJKE KPN NV OLD | 18-12-2020  | 0,9000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4800     |      | 1            | 0             | 2 22-10-2018       |
| O                | KPZ                       | KONINKLIJKE KPN NV OLD | 18-12-2020  | 0,9000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 476 22-10-2018     |
| O                | KPZ                       | KONINKLIJKE KPN NV OLD | 18-12-2020  | 1,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6100     |      | 1            | 0             | 306 22-10-2018     |
| O                | KPZ                       | KONINKLIJKE KPN NV OLD | 18-12-2020  | 1,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     |      | 0            | 0             | 476 22-10-2018     |
| O                | KPZ                       | KONINKLIJKE KPN NV OLD | 18-12-2020  | 2,7000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1600     |      | 0            | 0             | 966 22-10-2018     |
| O                | KPZ                       | KONINKLIJKE KPN NV OLD | 18-12-2020  | 2,7000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6500     |      | 1            | 0             | 428 22-10-2018     |
| O                | KPZ                       | KONINKLIJKE KPN NV OLD | 18-12-2020  | 3,1400         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     |      | 0            | 0             | 466 22-10-2018     |
| O                | KPZ                       | KONINKLIJKE KPN NV OLD | 18-12-2020  | 3,1400         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name                             | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |            |
|------------------|---------------------------|---|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|------------|
| F                | KS6                       | K+S AG - Stock Future                       | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,4882    |      | 16           | 0             | 22-10-2018         |            |
| F                | KS6                       | K+S AG - Stock Future                       | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,4747    |      | 16           | 0             | 22-10-2018         |            |
| F                | KS8                       | K+S - Dividend Future                       | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3500     |      | 0            | 0             | 22-10-2018         |            |
| F                | KS8                       | K+S - Dividend Future                       | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8000     |      | 1            | 0             | 22-10-2018         |            |
| F                | KS8                       | K+S - Dividend Future                       | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9000     |      | 1            | 0             | 22-10-2018         |            |
| F                | KS8                       | K+S - Dividend Future                       | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0500     |      | 1            | 0             | 22-10-2018         |            |
| F                | KS8                       | K+S - Dividend Future                       | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0500     |      | 1            | 0             | 22-10-2018         |            |
| F                | KT6                       | Elekta B - Stock Future                     | 16-11-2018  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 108,7703   |      | 109          | 0             | 22-10-2018         |            |
| F                | KT6                       | Elekta B - Stock Future                     | 21-12-2018  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 108,7328   |      | 109          | 0             | 22-10-2018         |            |
| F                | KT6                       | Elekta B - Stock Future                     | 18-1-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 108,7060   |      | 109          | 0             | 22-10-2018         |            |
| F                | KT6                       | Elekta B - Stock Future                     | 15-3-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 107,9497   |      | 108          | 0             | 22-10-2018         |            |
| F                | KT6                       | Elekta B - Stock Future                     | 21-6-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 107,8675   |      | 108          | 0             | 22-10-2018         |            |
| F                | KT6                       | Elekta B - Stock Future                     | 20-9-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 106,9209   |      | 107          | 0             | 22-10-2018         |            |
| F                | KJ6                       | Kuehne + Nagel International - Stock Future | 16-11-2018  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 135,1068   |      | 135          | 0             | 22-10-2018         |            |
| F                | KJ6                       | Kuehne + Nagel International - Stock Future | 21-12-2018  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 135,0395   |      | 135          | 0             | 22-10-2018         |            |
| F                | KJ6                       | Kuehne + Nagel International - Stock Future | 18-1-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 134,9782   |      | 135          | 0             | 22-10-2018         |            |
| F                | KJ6                       | Kuehne + Nagel International - Stock Future | 15-3-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 134,8756   |      | 135          | 0             | 22-10-2018         |            |
| F                | KJ6                       | Kuehne + Nagel International - Stock Future | 21-6-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 128,4912   |      | 128          | 0             | 22-10-2018         |            |
| F                | KJ6                       | Kuehne + Nagel International - Stock Future | 20-9-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 128,3210   |      | 128          | 0             | 22-10-2018         |            |
| F                | KV6                       | Kinnevik B - Stock Future                   | 16-11-2018  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 249,9318   |      | 250          | 0             | 22-10-2018         |            |
| F                | KV6                       | Kinnevik B - Stock Future                   | 21-12-2018  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 249,8455   |      | 250          | 0             | 22-10-2018         |            |
| F                | KV6                       | Kinnevik B - Stock Future                   | 18-1-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 249,7841   |      | 250          | 0             | 22-10-2018         |            |
| F                | KV6                       | Kinnevik B - Stock Future                   | 15-3-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 249,6544   |      | 250          | 0             | 22-10-2018         |            |
| F                | KV6                       | Kinnevik B - Stock Future                   | 21-6-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 240,9666   |      | 241          | 0             | 22-10-2018         |            |
| F                | KV6                       | Kinnevik B - Stock Future                   | 20-9-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 240,8638   |      | 241          | 0             | 22-10-2018         |            |
| F                | KV8                       | Kinnevik B - Dividend                       | 21-12-2018  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,8535     |      | 8            | 0             | 22-10-2018         |            |
| F                | KV8                       | Kinnevik B - Dividend                       | 20-12-2019  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,5000     |      | 9            | 0             | 22-10-2018         |            |
| F                | KV8                       | Kinnevik B - Dividend                       | 18-12-2020  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,7500     |      | 9            | 0             | 22-10-2018         |            |
| F                | KV8                       | Kinnevik B - Dividend                       | 17-12-2021  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,0000     |      | 9            | 0             | 22-10-2018         |            |
| F                | KV8                       | Kinnevik B - Dividend                       | 16-12-2022  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,0000     |      | 9            | 0             | 22-10-2018         |            |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option    | 16-11-2018  | 13,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7800     |      | 3            | 0             | 22-10-2018         |            |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option    | 16-11-2018  | 13,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     |      | 0            | 0             | 22-10-2018         |            |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option    | 16-11-2018  | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8800     |      | 2            | 0             | 22-10-2018         |            |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option    | 16-11-2018  | 14,0000        | P                 | EUR               | 0,1500 | 0,1600 | 0,1500 | 2           | 0,1600 | 0,2200     |      | 0            | 3             | 3                  | 22-10-2018 |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option    | 16-11-2018  | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1500     |      | 1            | 0             | 22-10-2018         |            |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option    | 16-11-2018  | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4900     |      | 0            | 0             | 22-10-2018         |            |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option    | 16-11-2018  | 15,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8400     |      | 1            | 0             | 22-10-2018         |            |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option    | 16-11-2018  | 15,5000        | P                 | EUR               | 0,4400 | 0,5000 | 0,4300 | 3           | 0,5000 | 0,6800     |      | 1            | 26            | 40                 | 22-10-2018 |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option    | 16-11-2018  | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5800     |      | 1            | 0             | 22-10-2018         |            |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option    | 16-11-2018  | 16,0000        | P                 | EUR               | 0,8000 | 0,8800 | 0,8000 | 3           | 0,8800 | 0,9100     |      | 1            | 12            | 98                 | 22-10-2018 |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option    | 16-11-2018  | 16,5000        | C                 | EUR               | 0,4200 | 0,4200 | 0,4200 | 1           | 0,4200 | 0,3900     |      | 0            | 10            | 24                 | 22-10-2018 |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option    | 16-11-2018  | 16,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2200     |      | 1            | 0             | 14                 | 22-10-2018 |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option    | 16-11-2018  | 17,0000        | C                 | EUR               | 0,3700 | 0,3700 | 0,3700 | 2           | 0,3700 | 0,2700     |      | 0            | 7             | 17                 | 22-10-2018 |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option    | 16-11-2018  | 17,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6000     |      | 2            | 0             | 108                | 22-10-2018 |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option    | 16-11-2018  | 17,5000        | C                 | EUR               | 0,2500 | 0,2500 | 0,2500 | 1           | 0,2500 | 0,1700     |      | 0            | 13            | 13                 | 22-10-2018 |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option    | 16-11-2018  | 17,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0100     |      | 2            | 0             | 10                 | 22-10-2018 |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option    | 16-11-2018  | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     |      | 0            | 0             | 33                 | 22-10-2018 |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option    | 16-11-2018  | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4600     |      | 2            | 0             | 33                 | 22-10-2018 |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option    | 16-11-2018  | 18,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1000     |      | 0            | 0             | 5                  | 22-10-2018 |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option    | 16-11-2018  | 18,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9300     |      | 3            | 0             | 12                 | 22-10-2018 |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option    | 16-11-2018  | 19,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     |      | 0            | 0             | 17                 | 22-10-2018 |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option    | 16-11-2018  | 19,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4000     |      | 3            | 0             | 15                 | 22-10-2018 |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option    | 16-11-2018  | 19,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     |      | 0            | 0             | 18                 | 22-10-2018 |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option    | 16-11-2018  | 19,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8800     |      | 4            | 0             | 0                  | 22-10-2018 |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option    | 16-11-2018  | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     |      | 0            | 0             | 76                 | 22-10-2018 |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option    | 16-11-2018  | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,3600     |      | 4            | 0             | 5                  | 22-10-2018 |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option    | 16-11-2018  | 21,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 18                 | 22-10-2018 |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option    | 16-11-2018  | 21,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,3400     |      | 5            | 0             | 20                 | 22-10-2018 |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option    | 16-11-2018  | 22,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option    | 16-11-2018  | 22,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,3400     |      | 6            | 0             | 0                  | 22-10-2018 |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option    | 16-11-2018  | 23,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option    | 16-11-2018  | 23,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,3400     |      | 7            | 0             | 0                  | 22-10-2018 |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option    | 21-12-2018  | 10,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,6900     |      | 6            | 0             | 0                  | 22-10-2018 |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option    | 21-12-2018  | 10,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option    | 21-12-2018  | 12,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,7300     |      | 4            | 0             | 0                  | 22-10-2018 |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option    | 21-12-2018  | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1400     |      | 0            | 1             | 22-10-2018         |            |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option    | 21-12-2018  | 13,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7800     |      | 3            | 0             | 1                  | 22-10-2018 |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option    | 21-12-2018  | 13,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2200     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option    | 21-12-2018  | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9300     |      | 2            | 0             | 7                  | 22-10-2018 |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option    | 21-12-2018  | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4200     |      | 0            | 1             | 22-10-2018         |            |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option    | 21-12-2018  | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2200     |      | 1            | 0             | 0                  | 22-10-2018 |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option    | 21-12-2018  | 15,0000        | P                 | EUR               | 0,6000 | 0,7000 | 0,6000 | 2           | 0,7000 | 0,7500     |      | 1            | 3             | 9                  | 22-10-2018 |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option    | 21-12-2018  | 15,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9300     |      | 1            | 0             | 0                  | 22-10-2018 |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option    | 21-12-2018  | 15,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9800     |      | 1            | 0             | 12                 | 22-10-2018 |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option    | 21-12-2018  | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0          |      |              |               |                    |            |



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| Instrument Type* | Instrument Trading Symbol | Instrument Name                          | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low      | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|--|-------------|----------------|-------------------|-------------------|--------|--------|----------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 21-6-2019   | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 0,7400     |      | 1            | 0             | 103 22-10-2018     |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 21-6-2019   | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 3,9700     |      | 4            | 0             | 233 22-10-2018     |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 21-6-2019   | 19,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 0,5400     |      | 1            | 0             | 326 22-10-2018     |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 21-6-2019   | 19,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 4,7900     |      | 5            | 0             | 192 22-10-2018     |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 21-6-2019   | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 0,3800     |      | 0            | 0             | 62 22-10-2018      |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 21-6-2019   | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 5,6500     |      | 6            | 0             | 46 22-10-2018      |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 21-6-2019   | 21,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 0,2700     |      | 0            | 0             | 161 22-10-2018     |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 21-6-2019   | 21,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 6,5600     |      | 7            | 0             | 28 22-10-2018      |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 21-6-2019   | 22,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 0,2000     |      | 0            | 0             | 9 22-10-2018       |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 21-6-2019   | 22,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 7,4900     |      | 7            | 0             | 30 22-10-2018      |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 21-6-2019   | 23,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 0,1500     |      | 0            | 0             | 17 22-10-2018      |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 21-6-2019   | 23,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 8,4500     |      | 8            | 0             | 13 22-10-2018      |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 21-6-2019   | 24,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 0,1100     |      | 0            | 0             | 103 22-10-2018     |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 21-6-2019   | 24,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 9,4200     |      | 9            | 0             | 10 22-10-2018      |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 21-6-2019   | 26,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 0,0700     |      | 0            | 0             | 22-10-2018         |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 21-6-2019   | 26,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 11,3900    |      | 11           | 0             | 0 22-10-2018       |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 21-6-2019   | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 0,0700     |      | 0            | 0             | 2 22-10-2018       |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 21-6-2019   | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 13,3900    |      | 13           | 0             | 0 22-10-2018       |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 21-6-2019   | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 0,0200     |      | 0            | 0             | 0 22-10-2018       |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 21-6-2019   | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 15,3500    |      | 15           | 0             | 0 22-10-2018       |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 20-9-2019   | 10,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 5,6800     |      | 6            | 0             | 0 22-10-2018       |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 20-9-2019   | 10,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 0,3600     |      | 0            | 0             | 0 22-10-2018       |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 20-9-2019   | 12,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 3,8700     |      | 4            | 0             | 0 22-10-2018       |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 20-9-2019   | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 0,8400     |      | 1            | 0             | 0 22-10-2018       |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 20-9-2019   | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 2,4600     |      | 2            | 0             | 21 22-10-2018      |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 20-9-2019   | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 1,5900     |      | 2            | 0             | 10 22-10-2018      |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 20-9-2019   | 15,0000        | C                 | EUR               | 2,2000 | 2,2000 | 2,2000   | 1           | 2,2000 | 1,9300     |      | 2            | 1             | 1 22-10-2018       |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 20-9-2019   | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 2,1200     |      | 2            | 0             | 1 22-10-2018       |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 20-9-2019   | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 1,5300     |      | 2            | 0             | 8 22-10-2018       |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 20-9-2019   | 16,0000        | P                 | EUR               | 2,4000 | 2,4000 | 2,4000   | 1           | 2,4000 | 2,7600     |      | 3            | 10            | 40 22-10-2018      |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 20-9-2019   | 17,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 1,1100     |      | 1            | 0             | 0 22-10-2018       |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 20-9-2019   | 17,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 3,3700     |      | 3            | 0             | 27 22-10-2018      |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 20-9-2019   | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 0,8600     |      | 1            | 0             | 202 22-10-2018     |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 20-9-2019   | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 4,1500     |      | 4            | 0             | 0 22-10-2018       |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 20-9-2019   | 19,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 0,6600     |      | 1            | 0             | 0 22-10-2018       |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 20-9-2019   | 19,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 4,9600     |      | 5            | 0             | 0 22-10-2018       |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 20-9-2019   | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 0,5300     |      | 1            | 0             | 5 22-10-2018       |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 20-9-2019   | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 5,8400     |      | 6            | 0             | 2 22-10-2018       |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 20-9-2019   | 22,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 0,3200     |      | 0            | 0             | 0 22-10-2018       |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 20-9-2019   | 22,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 7,6400     |      | 8            | 0             | 1 22-10-2018       |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 20-9-2019   | 24,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 0,1800     |      | 0            | 0             | 1 22-10-2018       |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 20-9-2019   | 24,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 9,5100     |      | 10           | 0             | 1 22-10-2018       |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 20-9-2019   | 26,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 0,1000     |      | 0            | 0             | 0 22-10-2018       |
| O                | KVV                       | VolkerWessels Koninklijke - Stock Option | 20-9-2019   | 26,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 11,4400    |      | 11           | 0             | 0 22-10-2018       |
| F                | KX6                       | Aggreko - Stock Future                   | 16-11-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 822,0200   |      | 822          | 0             | 0 22-10-2018       |
| F                | KX6                       | Aggreko - Stock Future                   | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 822,5300   |      | 823          | 0             | 0 22-10-2018       |
| F                | KX6                       | Aggreko - Stock Future                   | 18-1-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 822,9600   |      | 823          | 0             | 0 22-10-2018       |
| F                | KX6                       | Aggreko - Stock Future                   | 15-3-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 823,8900   |      | 824          | 0             | 0 22-10-2018       |
| F                | KX6                       | Aggreko - Stock Future                   | 21-6-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 807,9400   |      | 808          | 0             | 0 22-10-2018       |
| F                | KX6                       | Aggreko - Stock Future                   | 20-9-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 800,3600   |      | 800          | 0             | 0 22-10-2018       |
| F                | LA6                       | Alfa Laval - Stock Future                | 16-11-2018  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 224,2388   |      | 224          | 0             | 0 22-10-2018       |
| F                | LA6                       | Alfa Laval - Stock Future                | 21-12-2018  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 224,1614   |      | 224          | 0             | 0 22-10-2018       |
| F                | LA6                       | Alfa Laval - Stock Future                | 18-1-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 224,1063   |      | 224          | 0             | 0 22-10-2018       |
| F                | LA6                       | Alfa Laval - Stock Future                | 15-3-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 223,9900   |      | 224          | 0             | 0 22-10-2018       |
| F                | LA6                       | Alfa Laval - Stock Future                | 21-6-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 219,3216   |      | 219          | 0             | 0 22-10-2018       |
| F                | LA6                       | Alfa Laval - Stock Future                | 20-9-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 219,2272   |      | 219          | 0             | 0 22-10-2018       |
| F                | LD6                       | ABB - Stock Future                       | 16-11-2018  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 20,9233    |      | 21           | 0             | 0 22-10-2018       |
| F                | LD6                       | ABB - Stock Future                       | 21-12-2018  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 20,9129    |      | 21           | 0             | 0 22-10-2018       |
| F                | LD6                       | ABB - Stock Future                       | 18-1-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 20,9034    |      | 21           | 0             | 0 22-10-2018       |
| F                | LD6                       | ABB - Stock Future                       | 15-3-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 20,8875    |      | 21           | 0             | 0 22-10-2018       |
| F                | LD6                       | ABB - Stock Future                       | 21-6-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 20,0693    |      | 20           | 0             | 0 22-10-2018       |
| F                | LD6                       | ABB - Stock Future                       | 20-9-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 20,0427    |      | 20           | 0             | 0 22-10-2018       |
| F                | LD8                       | ABB - Dividend Future                    | 21-12-2018  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 0,7800     |      | 1            | 0             | 0 22-10-2018       |
| F                | LD8                       | ABB - Dividend Future                    | 20-12-2019  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 0,7800     |      | 1            | 0             | 0 22-10-2018       |
| F                | LD8                       | ABB - Dividend Future                    | 18-12-2020  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 0,8000     |      | 1            | 0             | 0 22-10-2018       |
| F                | LD8                       | ABB - Dividend Future                    | 17-12-2021  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 0,8200     |      | 1            | 0             | 0 22-10-2018       |
| F                | LD8                       | ABB - Dividend Future                    | 16-12-2022  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 0,8200     |      | 1            | 0             | 0 22-10-2018       |
| F                | LE6                       | Linde AG - Stock Future                  | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 218,8400   |      | 219          | 0             | 0 22-10-2018       |
| F                | LE6                       | Linde AG - Stock Future                  | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 218,7561   |      | 219          | 0             | 0 22-10-2018       |
| F                | LE6                       | Linde AG - Stock Future                  | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 218,6890   |      | 219          | 0             | 0 22-10-2018       |
| F                | LE6                       | Linde AG - Stock Future                  | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 218,6152   |      | 219          | 0             | 0 22-10-2018       |
| F                | LE6                       | Linde AG - Stock Future                  | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 218,4216   |      | 218          | 0             | 0 22-10-2018       |
| F                | LE6                       | Linde AG - Stock Future                  | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 218,2420   |      | 218          | 0             | 0 22-10-2018       |
| F                | LE8                       | Linde - Dividend Future                  | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 7,0000     |      | 7            | 0             | 5 22-10-2018       |
| F                | LE8                       | Linde - Dividend Future                  | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 3,9000     |      | 4            | 0             | 1 22-10-2018       |
| F                | LE8                       | Linde - Dividend Future                  | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000</ |             |        |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name                         | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|---|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| F                | LL8                       | Legal & General Group - Dividend Future | 20-12-2019  | 0,0000         | GBX               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,4000    | 16   | 0            | 0             | 22-10-2018         |
| F                | LL8                       | Legal & General Group - Dividend Future | 18-12-2020  | 0,0000         | GBX               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,6000    | 18   | 0            | 0             | 22-10-2018         |
| F                | LL8                       | Legal & General Group - Dividend Future | 17-12-2021  | 0,0000         | GBX               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 19,0000    | 19   | 0            | 0             | 22-10-2018         |
| F                | LL8                       | Legal & General Group - Dividend Future | 16-12-2022  | 0,0000         | GBX               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 19,0000    | 19   | 0            | 0             | 22-10-2018         |
| F                | LO6                       | Anglo American - Stock Future           | 16-11-2018  | 0,0000         | GBX               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1663,9000  | 1664 | 0            | 0             | 22-10-2018         |
| F                | LO6                       | Anglo American - Stock Future           | 21-12-2018  | 0,0000         | GBX               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1664,9300  | 1665 | 0            | 0             | 22-10-2018         |
| F                | LO6                       | Anglo American - Stock Future           | 18-1-2019   | 0,0000         | GBX               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1665,8100  | 1666 | 0            | 0             | 22-10-2018         |
| F                | LO6                       | Anglo American - Stock Future           | 15-3-2019   | 0,0000         | GBX               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1667,6800  | 1668 | 0            | 0             | 22-10-2018         |
| F                | LO6                       | Anglo American - Stock Future           | 21-6-2019   | 0,0000         | GBX               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1631,8500  | 1632 | 0            | 0             | 22-10-2018         |
| F                | LO6                       | Anglo American - Stock Future           | 20-9-2019   | 0,0000         | GBX               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1594,5300  | 1595 | 0            | 0             | 22-10-2018         |
| F                | LO8                       | Anglo American - Dividend Future        | 21-12-2018  | 0,0000         | USD               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0300     | 1    | 0            | 0             | 22-10-2018         |
| F                | LO8                       | Anglo American - Dividend Future        | 20-12-2019  | 0,0000         | USD               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7800     | 1    | 0            | 0             | 22-10-2018         |
| F                | LO8                       | Anglo American - Dividend Future        | 18-12-2020  | 0,0000         | USD               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7800     | 1    | 0            | 0             | 22-10-2018         |
| F                | LO8                       | Anglo American - Dividend Future        | 17-12-2021  | 0,0000         | USD               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8100     | 1    | 0            | 0             | 22-10-2018         |
| F                | LO8                       | Anglo American - Dividend Future        | 16-12-2022  | 0,0000         | USD               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8100     | 1    | 0            | 0             | 22-10-2018         |
| F                | LT6                       | Logitech International - Stock Future   | 16-11-2018  | 0,0000         | CHF               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 39,6273    | 40   | 0            | 0             | 22-10-2018         |
| F                | LT6                       | Logitech International - Stock Future   | 21-12-2018  | 0,0000         | CHF               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 39,6076    | 40   | 0            | 0             | 22-10-2018         |
| F                | LT6                       | Logitech International - Stock Future   | 18-1-2019   | 0,0000         | CHF               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 39,5896    | 40   | 0            | 0             | 22-10-2018         |
| F                | LT6                       | Logitech International - Stock Future   | 15-3-2019   | 0,0000         | CHF               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 39,5595    | 40   | 0            | 0             | 22-10-2018         |
| F                | LT6                       | Logitech International - Stock Future   | 21-6-2019   | 0,0000         | CHF               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 39,5043    | 40   | 0            | 0             | 22-10-2018         |
| F                | LT6                       | Logitech International - Stock Future   | 20-9-2019   | 0,0000         | CHF               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 39,4520    | 39   | 0            | 0             | 22-10-2018         |
| F                | LU6                       | Deutsche Lufthansa AG - Stock Future    | 16-11-2018  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,1200    | 18   | 0            | 0             | 22-10-2018         |
| F                | LU6                       | Deutsche Lufthansa AG - Stock Future    | 21-12-2018  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,1131    | 18   | 0            | 0             | 22-10-2018         |
| F                | LU6                       | Deutsche Lufthansa AG - Stock Future    | 18-1-2019   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,1075    | 18   | 0            | 0             | 22-10-2018         |
| F                | LU6                       | Deutsche Lufthansa AG - Stock Future    | 15-3-2019   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,1014    | 18   | 0            | 0             | 22-10-2018         |
| F                | LU6                       | Deutsche Lufthansa AG - Stock Future    | 21-6-2019   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,2857    | 17   | 0            | 0             | 22-10-2018         |
| F                | LU6                       | Deutsche Lufthansa AG - Stock Future    | 20-9-2019   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,2715    | 17   | 0            | 0             | 22-10-2018         |
| F                | LU8                       | Deutsche Lufthansa - Dividend Future    | 21-12-2018  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8000     | 1    | 0            | 0             | 22-10-2018         |
| F                | LU8                       | Deutsche Lufthansa - Dividend Future    | 20-12-2019  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6000     | 1    | 0            | 0             | 22-10-2018         |
| F                | LU8                       | Deutsche Lufthansa - Dividend Future    | 18-12-2020  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7000     | 1    | 0            | 0             | 22-10-2018         |
| F                | LU8                       | Deutsche Lufthansa - Dividend Future    | 17-12-2021  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8000     | 1    | 0            | 0             | 22-10-2018         |
| F                | LU8                       | Deutsche Lufthansa - Dividend Future    | 16-12-2022  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8000     | 1    | 0            | 0             | 22-10-2018         |
| F                | LX6                       | Lanxess AG - Stock Future               | 16-11-2018  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 55,8047    | 56   | 0            | 0             | 22-10-2018         |
| F                | LX6                       | Lanxess AG - Stock Future               | 21-12-2018  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 55,7833    | 56   | 0            | 0             | 22-10-2018         |
| F                | LX6                       | Lanxess AG - Stock Future               | 18-1-2019   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 55,7662    | 56   | 0            | 0             | 22-10-2018         |
| F                | LX6                       | Lanxess AG - Stock Future               | 15-3-2019   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 55,7474    | 56   | 0            | 0             | 22-10-2018         |
| F                | LX6                       | Lanxess AG - Stock Future               | 21-6-2019   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 54,7982    | 55   | 0            | 0             | 22-10-2018         |
| F                | LX6                       | Lanxess AG - Stock Future               | 20-9-2019   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 54,7532    | 55   | 0            | 0             | 22-10-2018         |
| F                | LY8                       | Lloyds Banking Group - Dividend Future  | 21-12-2018  | 0,0000         | GBX               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1200     | 3    | 0            | 0             | 22-10-2018         |
| F                | LY8                       | Lloyds Banking Group - Dividend Future  | 20-12-2019  | 0,0000         | GBX               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4000     | 3    | 0            | 0             | 22-10-2018         |
| F                | LY8                       | Lloyds Banking Group - Dividend Future  | 18-12-2020  | 0,0000         | GBX               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,7000     | 4    | 0            | 0             | 22-10-2018         |
| F                | LY8                       | Lloyds Banking Group - Dividend Future  | 17-12-2021  | 0,0000         | GBX               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,0000     | 4    | 0            | 0             | 22-10-2018         |
| F                | LY8                       | Lloyds Banking Group - Dividend Future  | 16-12-2022  | 0,0000         | GBX               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,0000     | 4    | 0            | 0             | 22-10-2018         |
| F                | LZ6                       | Lonza Group - Stock Future              | 16-11-2018  | 0,0000         | CHF               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 316,3988   | 316  | 0            | 0             | 22-10-2018         |
| F                | LZ6                       | Lonza Group - Stock Future              | 21-12-2018  | 0,0000         | CHF               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 316,2413   | 316  | 0            | 0             | 22-10-2018         |
| F                | LZ6                       | Lonza Group - Stock Future              | 18-1-2019   | 0,0000         | CHF               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 316,0978   | 316  | 0            | 0             | 22-10-2018         |
| F                | LZ6                       | Lonza Group - Stock Future              | 15-3-2019   | 0,0000         | CHF               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 315,8573   | 316  | 0            | 0             | 22-10-2018         |
| F                | LZ6                       | Lonza Group - Stock Future              | 21-6-2019   | 0,0000         | CHF               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 312,3193   | 312  | 0            | 0             | 22-10-2018         |
| F                | LZ6                       | Lonza Group - Stock Future              | 20-9-2019   | 0,0000         | CHF               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 311,9058   | 312  | 0            | 0             | 22-10-2018         |
| F                | MA8                       | Mediaset - Dividend Future              | 21-12-2018  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 0             | 22-10-2018         |
| F                | MA8                       | Mediaset - Dividend Future              | 20-12-2019  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     | 0    | 0            | 0             | 22-10-2018         |
| F                | MA8                       | Mediaset - Dividend Future              | 18-12-2020  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1500     | 0    | 0            | 0             | 22-10-2018         |
| F                | MA8                       | Mediaset - Dividend Future              | 17-12-2021  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1800     | 0    | 0            | 0             | 22-10-2018         |
| F                | MA8                       | Mediaset - Dividend Future              | 16-12-2022  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1800     | 0    | 0            | 0             | 22-10-2018         |
| F                | MB6                       | Swedish Match - Stock Future            | 16-11-2018  | 0,0000         | SEK               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 444,9786   | 445  | 0            | 0             | 22-10-2018         |
| F                | MB6                       | Swedish Match - Stock Future            | 21-12-2018  | 0,0000         | SEK               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 444,8250   | 445  | 0            | 0             | 22-10-2018         |
| F                | MB6                       | Swedish Match - Stock Future            | 18-1-2019   | 0,0000         | SEK               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 444,7156   | 445  | 0            | 0             | 22-10-2018         |
| F                | MB6                       | Swedish Match - Stock Future            | 15-3-2019   | 0,0000         | SEK               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 444,4848   | 444  | 0            | 0             | 22-10-2018         |
| F                | MB6                       | Swedish Match - Stock Future            | 21-6-2019   | 0,0000         | SEK               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 433,1532   | 433  | 0            | 0             | 22-10-2018         |
| F                | MB6                       | Swedish Match - Stock Future            | 20-9-2019   | 0,0000         | SEK               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 432,9670   | 433  | 0            | 0             | 22-10-2018         |
| F                | MB8                       | Swedish Match - Dividend                | 21-12-2018  | 0,0000         | SEK               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,0180     | 9    | 0            | 0             | 22-10-2018         |
| F                | MB8                       | Swedish Match - Dividend                | 20-12-2019  | 0,0000         | SEK               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,5000     | 10   | 0            | 0             | 22-10-2018         |
| F                | MB8                       | Swedish Match - Dividend                | 18-12-2020  | 0,0000         | SEK               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,0000    | 10   | 0            | 0             | 22-10-2018         |
| F                | MB8                       | Swedish Match - Dividend                | 17-12-2021  | 0,0000         | SEK               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,5000    | 11   | 0            | 0             | 22-10-2018         |
| F                | MB8                       | Swedish Match - Dividend                | 16-12-2022  | 0,0000         | SEK               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,5000    | 11   | 0            | 0             | 22-10-2018         |
| F                | MD6                       | Modern Times Group B - Stock Future     | 16-11-2018  | 0,0000         | SEK               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 322,5120   | 323  | 0            | 0             | 22-10-2018         |
| F                | MD6                       | Modern Times Group B - Stock Future     | 21-12-2018  | 0,0000         | SEK               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 322,4007   | 322  | 0            | 0             | 22-10-2018         |
| F                | MD6                       | Modern Times Group B - Stock Future     | 18-1-2019   | 0,0000         | SEK               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 322,3214   | 322  | 0            | 0             | 22-10-2018         |
| F                | MD6                       | Modern Times Group B - Stock Future     | 15-3-2019   | 0,0000         | SEK               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 322,1541   | 322  | 0            | 0             | 22-10-2018         |
| F                | MD6                       | Modern Times Group B - Stock Future     | 21-6-2019   | 0,0000         | SEK               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 308,9122   | 309  | 0            | 0             | 22-10-2018         |
| F                | MD6                       | Modern Times Group B - Stock Future     | 20-9-2019   | 0,0000         | SEK               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 308,7809   | 309  | 0            | 0             | 22-10-2018         |
| F                | ME6                       | Ceconomy - Stock Future                 | 16-11-2018  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,5158     | 5    | 0            | 0             | 22-10-2018         |
| F                | ME6                       | Ceconomy - Stock Future                 | 21-12-2018  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,5140</   |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name                                | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|--|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| F                | MG6                       | Standard Life Aberdeen - Stock Future          | 15-3-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 263,0100   |      | 263          | 0             | 22-10-2018         |
| F                | MG6                       | Standard Life Aberdeen - Stock Future          | 21-6-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 248,0600   |      | 248          | 0             | 22-10-2018         |
| F                | MG6                       | Standard Life Aberdeen - Stock Future          | 20-9-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 240,9200   |      | 241          | 0             | 22-10-2018         |
| F                | MH6                       | Marine Harvest - Stock Future                  | 16-11-2018  | 0,0000         |                   | NOK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 198,9755   |      | 199          | 0             | 22-10-2018         |
| F                | MH6                       | Marine Harvest - Stock Future                  | 21-12-2018  | 0,0000         |                   | NOK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 199,2251   |      | 199          | 0             | 22-10-2018         |
| F                | MH6                       | Marine Harvest - Stock Future                  | 18-1-2019   | 0,0000         |                   | NOK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 199,4855   |      | 199          | 0             | 22-10-2018         |
| F                | MH6                       | Marine Harvest - Stock Future                  | 15-3-2019   | 0,0000         |                   | NOK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 197,3832   |      | 197          | 0             | 22-10-2018         |
| F                | MH6                       | Marine Harvest - Stock Future                  | 21-6-2019   | 0,0000         |                   | NOK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 195,5503   |      | 196          | 0             | 22-10-2018         |
| F                | MH6                       | Marine Harvest - Stock Future                  | 20-9-2019   | 0,0000         |                   | NOK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 193,5197   |      | 194          | 0             | 22-10-2018         |
| F                | MJ8                       | Mediobanca - Dividend Future                   | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4700     |      | 0            | 0             | 22-10-2018         |
| F                | MJ8                       | Mediobanca - Dividend Future                   | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3400     |      | 0            | 0             | 22-10-2018         |
| F                | MJ8                       | Mediobanca - Dividend Future                   | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3400     |      | 0            | 0             | 22-10-2018         |
| F                | MJ8                       | Mediobanca - Dividend Future                   | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3400     |      | 0            | 0             | 22-10-2018         |
| F                | MJ8                       | Mediobanca - Dividend Future                   | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3400     |      | 0            | 0             | 22-10-2018         |
| F                | MK6                       | Merck KGaA - Stock Future                      | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 93,0545    |      | 93           | 0             | 22-10-2018         |
| F                | MK6                       | Merck KGaA - Stock Future                      | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 93,0188    |      | 93           | 0             | 22-10-2018         |
| F                | MK6                       | Merck KGaA - Stock Future                      | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 92,9903    |      | 93           | 0             | 22-10-2018         |
| F                | MK6                       | Merck KGaA - Stock Future                      | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 92,9589    |      | 93           | 0             | 22-10-2018         |
| F                | MK6                       | Merck KGaA - Stock Future                      | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 91,5972    |      | 92           | 0             | 22-10-2018         |
| F                | MK6                       | Merck KGaA - Stock Future                      | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 91,5219    |      | 92           | 0             | 22-10-2018         |
| F                | MK8                       | Merck - Dividend Future                        | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2500     |      | 1            | 0             | 22-10-2018         |
| F                | MK8                       | Merck - Dividend Future                        | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3500     |      | 1            | 2             | 22-10-2018         |
| F                | MK8                       | Merck - Dividend Future                        | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4500     |      | 1            | 0             | 22-10-2018         |
| F                | MK8                       | Merck - Dividend Future                        | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5500     |      | 2            | 0             | 22-10-2018         |
| F                | MK8                       | Merck - Dividend Future                        | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5500     |      | 2            | 0             | 22-10-2018         |
| F                | MP6                       | Mapfre SA - Stock Future                       | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5243     |      | 3            | 0             | 22-10-2018         |
| F                | MP6                       | Mapfre SA - Stock Future                       | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4633     |      | 2            | 0             | 22-10-2018         |
| F                | MP6                       | Mapfre SA - Stock Future                       | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4626     |      | 2            | 0             | 22-10-2018         |
| F                | MP6                       | Mapfre SA - Stock Future                       | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4618     |      | 2            | 0             | 22-10-2018         |
| F                | MP6                       | Mapfre SA - Stock Future                       | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3596     |      | 2            | 0             | 22-10-2018         |
| F                | MP6                       | Mapfre SA - Stock Future                       | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3577     |      | 2            | 0             | 22-10-2018         |
| F                | MP8                       | Mapfre - Dividend Future                       | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1457     |      | 0            | 0             | 22-10-2018         |
| F                | MP8                       | Mapfre - Dividend Future                       | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1546     |      | 0            | 0             | 22-10-2018         |
| F                | MP8                       | Mapfre - Dividend Future                       | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1600     |      | 0            | 0             | 22-10-2018         |
| F                | MP8                       | Mapfre - Dividend Future                       | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1600     |      | 0            | 0             | 22-10-2018         |
| F                | MP8                       | Mapfre - Dividend Future                       | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1600     |      | 0            | 0             | 22-10-2018         |
| F                | MQ6                       | Marks & Spencer Group - Stock Future           | 16-11-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 275,5300   |      | 276          | 0             | 22-10-2018         |
| F                | MQ6                       | Marks & Spencer Group - Stock Future           | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 275,7000   |      | 276          | 0             | 22-10-2018         |
| F                | MQ6                       | Marks & Spencer Group - Stock Future           | 18-1-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 275,8400   |      | 276          | 0             | 22-10-2018         |
| F                | MQ6                       | Marks & Spencer Group - Stock Future           | 15-3-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 276,1500   |      | 276          | 0             | 22-10-2018         |
| F                | MQ6                       | Marks & Spencer Group - Stock Future           | 21-6-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 264,8500   |      | 265          | 0             | 22-10-2018         |
| F                | MQ6                       | Marks & Spencer Group - Stock Future           | 20-9-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 265,4500   |      | 265          | 0             | 22-10-2018         |
| F                | MR6                       | Muenchener Rueckversicherung - Stock Future    | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 188,2484   |      | 188          | 0             | 22-10-2018         |
| F                | MR6                       | Muenchener Rueckversicherung - Stock Future    | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 188,1762   |      | 188          | 0             | 22-10-2018         |
| F                | MR6                       | Muenchener Rueckversicherung - Stock Future    | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 188,1185   |      | 188          | 0             | 22-10-2018         |
| F                | MR6                       | Muenchener Rueckversicherung - Stock Future    | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 188,0550   |      | 188          | 0             | 22-10-2018         |
| F                | MR6                       | Muenchener Rueckversicherung - Stock Future    | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 180,8917   |      | 181          | 0             | 22-10-2018         |
| F                | MR6                       | Muenchener Rueckversicherung - Stock Future    | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 180,7429   |      | 181          | 0             | 22-10-2018         |
| F                | MR8                       | Muenchener Rueckversicherung - Dividend Future | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,6000     |      | 9            | 3             | 22-10-2018         |
| F                | MR8                       | Muenchener Rueckversicherung - Dividend Future | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,9500     |      | 9            | 6             | 22-10-2018         |
| F                | MR8                       | Muenchener Rueckversicherung - Dividend Future | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,0500     |      | 9            | 0             | 22-10-2018         |
| F                | MR8                       | Muenchener Rueckversicherung - Dividend Future | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,4000     |      | 9            | 0             | 22-10-2018         |
| F                | MR8                       | Muenchener Rueckversicherung - Dividend Future | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,5500     |      | 10           | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option                   | 16-11-2018  | 160,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 28,5400    |      | 29           | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option                   | 16-11-2018  | 160,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2700     |      | 0            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option                   | 16-11-2018  | 170,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,8500    |      | 19           | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option                   | 16-11-2018  | 170,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5900     |      | 1            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option                   | 16-11-2018  | 175,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,1800    |      | 14           | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option                   | 16-11-2018  | 175,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9100     |      | 1            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option                   | 16-11-2018  | 178,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,5100    |      | 12           | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option                   | 16-11-2018  | 178,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2500     |      | 1            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option                   | 16-11-2018  | 180,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,8200     |      | 10           | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option                   | 16-11-2018  | 180,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5600     |      | 2            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option                   | 16-11-2018  | 182,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,2200     |      | 8            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option                   | 16-11-2018  | 182,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9700     |      | 2            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option                   | 16-11-2018  | 184,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,7500     |      | 7            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option                   | 16-11-2018  | 184,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4900     |      | 2            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option                   | 16-11-2018  | 186,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,3400     |      | 5            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option                   | 16-11-2018  | 186,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0900     |      | 3            | 1             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option                   | 16-11-2018  | 188,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,1300     |      | 4            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option                   | 16-11-2018  | 188,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8800     |      | 4            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option                   | 16-11-2018  | 190,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1100     |      | 3            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option                   | 16-11-2018  | 190,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,8600     |      | 5            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option                   | 16-11-2018  | 192,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2900     |      | 2            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option                   | 16-11-2018  | 192,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,0400     |      | 6            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option                   | 16-11-2018  | 194,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6300     |      | 2            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option                   | 16-11-2018  | 194,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,3800     |      | 7            | 0             | 22-1               |



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| Instrument Type* | Instrument Trading Symbol | Instrument Name              | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|------------------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | MRQ                       | Muenchener Re - Stock Option | 15-3-2019   | 150,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0200     |      | 1            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 15-3-2019   | 160,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 29,8500    |      | 30           | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 15-3-2019   | 160,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7100     |      | 2            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 15-3-2019   | 165,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 25,3700    |      | 25           | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 15-3-2019   | 165,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2500     |      | 2            | 136           | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 15-3-2019   | 170,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,1100    |      | 21           | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 15-3-2019   | 170,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0000     |      | 3            | 7             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 15-3-2019   | 175,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,1300    |      | 17           | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 15-3-2019   | 175,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,0300     |      | 4            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 15-3-2019   | 180,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,5000    |      | 14           | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 15-3-2019   | 180,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,4100     |      | 5            | 7             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 15-3-2019   | 185,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,3000    |      | 10           | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 15-3-2019   | 185,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,2300     |      | 7            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 15-3-2019   | 190,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,6000     |      | 8            | 3             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 15-3-2019   | 190,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,5300     |      | 10           | 8             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 15-3-2019   | 195,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,4000     |      | 5            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 15-3-2019   | 195,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,3500    |      | 12           | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 15-3-2019   | 200,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,7000     |      | 4            | 61            | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 15-3-2019   | 200,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,6500    |      | 16           | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 15-3-2019   | 205,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4500     |      | 2            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 15-3-2019   | 205,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 19,4100    |      | 19           | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 15-3-2019   | 210,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5900     |      | 2            | 100           | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 15-3-2019   | 210,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 23,5600    |      | 24           | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 15-3-2019   | 220,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6600     |      | 1            | 18            | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 15-3-2019   | 220,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 32,6500    |      | 33           | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 15-3-2019   | 230,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3100     |      | 0            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 15-3-2019   | 230,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 42,3100    |      | 42           | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 15-3-2019   | 240,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1700     |      | 0            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 15-3-2019   | 240,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 52,1800    |      | 52           | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 15-3-2019   | 260,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     |      | 0            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 15-3-2019   | 260,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 72,0800    |      | 72           | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 21-6-2019   | 100,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 88,3100    |      | 88           | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 21-6-2019   | 100,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2700     |      | 0            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 21-6-2019   | 120,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 68,3900    |      | 68           | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 21-6-2019   | 120,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6900     |      | 1            | 10            | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 21-6-2019   | 140,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 48,7500    |      | 49           | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 21-6-2019   | 140,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6800     |      | 2            | 10            | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 21-6-2019   | 150,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 39,2700    |      | 39           | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 21-6-2019   | 150,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7600     |      | 3            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 21-6-2019   | 160,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 30,1300    |      | 30           | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 21-6-2019   | 160,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,3300     |      | 4            | 628           | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 21-6-2019   | 165,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 25,9000    |      | 26           | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 21-6-2019   | 165,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,5700     |      | 6            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 21-6-2019   | 170,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,7300    |      | 22           | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 21-6-2019   | 170,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,8700     |      | 7            | 82            | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 21-6-2019   | 175,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,9800    |      | 18           | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 21-6-2019   | 175,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,6600     |      | 9            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 21-6-2019   | 180,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,6000    |      | 15           | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 21-6-2019   | 180,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,8000    |      | 11           | 15            | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 21-6-2019   | 185,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,5500    |      | 12           | 10            | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 21-6-2019   | 185,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,2900    |      | 13           | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 21-6-2019   | 190,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,9200     |      | 9            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 21-6-2019   | 190,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,1600    |      | 16           | 4             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 21-6-2019   | 195,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,7100     |      | 7            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 21-6-2019   | 195,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 19,4100    |      | 19           | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 21-6-2019   | 200,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,9000     |      | 5            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 21-6-2019   | 200,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,9900    |      | 23           | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 21-6-2019   | 205,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5100     |      | 4            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 21-6-2019   | 205,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 26,9100    |      | 27           | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 21-6-2019   | 210,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5600     |      | 3            | 10            | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 21-6-2019   | 210,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 31,2000    |      | 31           | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 21-6-2019   | 220,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2500     |      | 1            | 10            | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 21-6-2019   | 220,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 40,2000    |      | 40           | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 21-6-2019   | 230,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6300     |      | 1            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 21-6-2019   | 230,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 49,7400    |      | 50           | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 21-6-2019   | 240,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3600     |      | 0            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 21-6-2019   | 240,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 59,5500    |      | 60           | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 21-6-2019   | 250,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2200     |      | 0            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 21-6-2019   | 250,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 69,4500    |      | 69           | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 21-6-2019   | 300,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     |      | 0            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 21-6-2019   | 300,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 119,4100   |      | 119          | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 20-9-2019   | 150,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 39,2600    |      | 39           | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 20-9-2019   | 150,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,6100     |      | 4            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 20-9-2019   | 160,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 30,2900    |      | 30           | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 20-9-2019   | 160,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,5700     |      | 6            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 20-9-2019   | 170,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,1700    |      | 22           | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 20-9-2019   | 170,0000       | P                 | EUR               | 0,0000 | 0,0000 |        |             |        |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name              | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|------------------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | MRQ                       | Muenchener Re - Stock Option | 20-9-2019   | 195,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,5600     | 8    | 0            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 20-9-2019   | 195,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,0500    | 21   | 0            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 20-9-2019   | 200,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,8200     | 6    | 0            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 20-9-2019   | 200,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 24,5600    | 25   | 0            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 20-9-2019   | 205,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,4200     | 4    | 0            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 20-9-2019   | 205,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 28,3700    | 28   | 0            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 20-9-2019   | 210,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3500     | 3    | 0            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 20-9-2019   | 210,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 32,4500    | 32   | 0            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 20-9-2019   | 220,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8500     | 2    | 0            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 20-9-2019   | 220,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 41,1300    | 41   | 0            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 20-9-2019   | 230,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0600     | 1    | 0            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 20-9-2019   | 230,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 50,4300    | 50   | 0            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 20-12-2019  | 100,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 88,3000    | 88   | 0            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 20-12-2019  | 100,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2000     | 0    | 0            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 20-12-2019  | 120,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 68,3100    | 68   | 0            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 20-12-2019  | 120,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8600     | 1    | 0            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 20-12-2019  | 140,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 48,6900    | 49   | 0            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 20-12-2019  | 140,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7000     | 3    | 0            | 10            | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 20-12-2019  | 150,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 39,4100    | 39   | 0            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 20-12-2019  | 150,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,4000     | 4    | 0            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 20-12-2019  | 160,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 30,7500    | 31   | 0            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 20-12-2019  | 160,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,8000     | 7    | 0            | 10            | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 20-12-2019  | 170,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,9700    | 23   | 0            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 20-12-2019  | 170,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,0300    | 10   | 0            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 20-12-2019  | 180,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,2700    | 16   | 0            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 20-12-2019  | 180,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,2200    | 14   | 0            | 11            | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 20-12-2019  | 185,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,5000    | 14   | 0            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 20-12-2019  | 185,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,8000    | 17   | 0            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 20-12-2019  | 190,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,9700    | 11   | 0            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 20-12-2019  | 190,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 19,5800    | 20   | 0            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 20-12-2019  | 200,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,1100     | 7    | 0            | 30            | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 20-12-2019  | 200,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 26,1400    | 26   | 0            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 20-12-2019  | 210,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,4300     | 4    | 0            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 20-12-2019  | 210,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 33,7000    | 34   | 0            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 20-12-2019  | 220,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6700     | 3    | 0            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 20-12-2019  | 220,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 42,0700    | 42   | 0            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 20-12-2019  | 240,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9000     | 1    | 0            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 20-12-2019  | 240,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 60,4200    | 60   | 0            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 20-12-2019  | 250,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5100     | 1    | 0            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 20-12-2019  | 250,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 70,0600    | 70   | 0            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 20-12-2019  | 300,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 20-12-2019  | 300,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 119,7500   | 120  | 0            | 25            | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 19-6-2020   | 100,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 88,3000    | 88   | 0            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 19-6-2020   | 100,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5000     | 1    | 0            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 19-6-2020   | 120,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 68,3000    | 68   | 0            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 19-6-2020   | 120,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2600     | 2    | 0            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 19-6-2020   | 140,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 48,7700    | 49   | 0            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 19-6-2020   | 140,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,5200     | 6    | 0            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 19-6-2020   | 150,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 39,5000    | 40   | 0            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 19-6-2020   | 150,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,8700     | 8    | 0            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 19-6-2020   | 160,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 30,9800    | 31   | 0            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 19-6-2020   | 160,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,1300    | 11   | 0            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 19-6-2020   | 170,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 23,5500    | 24   | 0            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 19-6-2020   | 170,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,4200    | 15   | 0            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 19-6-2020   | 180,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,4500    | 17   | 0            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 19-6-2020   | 180,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 20,7800    | 21   | 0            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 19-6-2020   | 185,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,9600    | 15   | 0            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 19-6-2020   | 185,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 23,8000    | 24   | 0            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 19-6-2020   | 190,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,7100    | 13   | 0            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 19-6-2020   | 190,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 27,1000    | 27   | 0            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 19-6-2020   | 200,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,1200     | 9    | 0            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 19-6-2020   | 200,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 34,2700    | 34   | 0            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 19-6-2020   | 210,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,4800     | 6    | 0            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 19-6-2020   | 210,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 42,1500    | 42   | 0            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 19-6-2020   | 220,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,5700     | 5    | 0            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 19-6-2020   | 220,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 50,6200    | 51   | 0            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 19-6-2020   | 240,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2100     | 2    | 0            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 19-6-2020   | 240,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 68,7000    | 69   | 0            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 19-6-2020   | 250,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5200     | 2    | 0            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 19-6-2020   | 250,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 78,1700    | 78   | 0            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 19-6-2020   | 300,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2100     | 0    | 0            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 19-6-2020   | 300,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 127,2700   | 127  | 0            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 18-12-2020  | 100,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 88,3000    | 88   | 0            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 18-12-2020  | 100,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8500     | 1    | 0            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 18-12-2020  | 120,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 68,3100    | 68   | 0            | 0             | 22-10-2018         |
| O                | MRQ                       | Muenchener Re - Stock Option | 18-12-2020  | 120            |                   |                   |        |        |        |             |        |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name              | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |            |
|------------------|---------------------------|------------------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|------------|
| O                | MRQ                       | Muenchener Re - Stock Option | 18-12-2020  | 190,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 29,2600    |      | 29           | 0             | 22-10-2018         |            |
| O                | MRQ                       | Muenchener Re - Stock Option | 18-12-2020  | 200,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,2500    |      | 10           | 0             | 22-10-2018         |            |
| O                | MRQ                       | Muenchener Re - Stock Option | 18-12-2020  | 200,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 35,9700    |      | 36           | 0             | 22-10-2018         |            |
| O                | MRQ                       | Muenchener Re - Stock Option | 18-12-2020  | 210,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,3100     |      | 7            | 0             | 22-10-2018         |            |
| O                | MRQ                       | Muenchener Re - Stock Option | 18-12-2020  | 210,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 43,3700    |      | 43           | 0             | 22-10-2018         |            |
| O                | MRQ                       | Muenchener Re - Stock Option | 18-12-2020  | 220,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,0900     |      | 5            | 0             | 22-10-2018         |            |
| O                | MRQ                       | Muenchener Re - Stock Option | 18-12-2020  | 220,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 51,3800    |      | 51           | 0             | 22-10-2018         |            |
| O                | MRQ                       | Muenchener Re - Stock Option | 18-12-2020  | 250,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6800     |      | 2            | 0             | 22-10-2018         |            |
| O                | MRQ                       | Muenchener Re - Stock Option | 18-12-2020  | 250,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 78,3300    |      | 78           | 0             | 22-10-2018         |            |
| O                | MRQ                       | Muenchener Re - Stock Option | 18-12-2020  | 300,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4100     |      | 0            | 0             | 22-10-2018         |            |
| O                | MRQ                       | Muenchener Re - Stock Option | 18-12-2020  | 300,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 127,3000   |      | 127          | 0             | 22-10-2018         |            |
| O                | MRQ                       | Muenchener Re - Stock Option | 18-6-2021   | 120,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 68,3000    |      | 68           | 0             | 22-10-2018         |            |
| O                | MRQ                       | Muenchener Re - Stock Option | 18-6-2021   | 120,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,4800     |      | 5            | 0             | 22-10-2018         |            |
| O                | MRQ                       | Muenchener Re - Stock Option | 18-6-2021   | 140,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 48,8200    |      | 49           | 0             | 22-10-2018         |            |
| O                | MRQ                       | Muenchener Re - Stock Option | 18-6-2021   | 140,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,1900    |      | 11           | 0             | 22-10-2018         |            |
| O                | MRQ                       | Muenchener Re - Stock Option | 18-6-2021   | 160,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 31,7200    |      | 32           | 0             | 22-10-2018         |            |
| O                | MRQ                       | Muenchener Re - Stock Option | 18-6-2021   | 160,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 19,5200    |      | 20           | 0             | 22-10-2018         |            |
| O                | MRQ                       | Muenchener Re - Stock Option | 18-6-2021   | 170,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 24,7000    |      | 25           | 0             | 22-10-2018         |            |
| O                | MRQ                       | Muenchener Re - Stock Option | 18-6-2021   | 170,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 24,6800    |      | 25           | 0             | 22-10-2018         |            |
| O                | MRQ                       | Muenchener Re - Stock Option | 18-6-2021   | 180,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,8200    |      | 19           | 0             | 22-10-2018         |            |
| O                | MRQ                       | Muenchener Re - Stock Option | 18-6-2021   | 180,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 30,5200    |      | 31           | 0             | 22-10-2018         |            |
| O                | MRQ                       | Muenchener Re - Stock Option | 18-6-2021   | 190,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,0600    |      | 14           | 0             | 22-10-2018         |            |
| O                | MRQ                       | Muenchener Re - Stock Option | 18-6-2021   | 190,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 37,0500    |      | 37           | 0             | 22-10-2018         |            |
| O                | MRQ                       | Muenchener Re - Stock Option | 18-6-2021   | 200,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,3300    |      | 10           | 0             | 22-10-2018         |            |
| O                | MRQ                       | Muenchener Re - Stock Option | 18-6-2021   | 200,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 44,2400    |      | 44           | 0             | 22-10-2018         |            |
| O                | MRQ                       | Muenchener Re - Stock Option | 18-6-2021   | 210,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,5200     |      | 8            | 0             | 22-10-2018         |            |
| O                | MRQ                       | Muenchener Re - Stock Option | 18-6-2021   | 210,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 52,1500    |      | 52           | 0             | 22-10-2018         |            |
| O                | MRQ                       | Muenchener Re - Stock Option | 18-6-2021   | 220,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,3800     |      | 5            | 0             | 22-10-2018         |            |
| O                | MRQ                       | Muenchener Re - Stock Option | 18-6-2021   | 220,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 60,5400    |      | 61           | 0             | 22-10-2018         |            |
| O                | MRQ                       | Muenchener Re - Stock Option | 18-6-2021   | 300,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5300     |      | 1            | 0             | 22-10-2018         |            |
| O                | MRQ                       | Muenchener Re - Stock Option | 18-6-2021   | 300,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 136,9800   |      | 137          | 0             | 22-10-2018         |            |
| F                | MS6                       | Metso OYJ - Stock Future     | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 27,4425    |      | 27           | 0             | 22-10-2018         |            |
| F                | MS6                       | Metso OYJ - Stock Future     | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 27,4320    |      | 27           | 0             | 22-10-2018         |            |
| F                | MS6                       | Metso OYJ - Stock Future     | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 27,4235    |      | 27           | 0             | 22-10-2018         |            |
| F                | MS6                       | Metso OYJ - Stock Future     | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 27,4143    |      | 27           | 0             | 22-10-2018         |            |
| F                | MS6                       | Metso OYJ - Stock Future     | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 26,2906    |      | 26           | 0             | 22-10-2018         |            |
| F                | MS6                       | Metso OYJ - Stock Future     | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 26,2690    |      | 26           | 0             | 22-10-2018         |            |
| F                | MS8                       | Metso OYJ - Dividend         | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0500     |      | 1            | 0             | 22-10-2018         |            |
| F                | MS8                       | Metso OYJ - Dividend         | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1000     |      | 1            | 0             | 22-10-2018         |            |
| F                | MS8                       | Metso OYJ - Dividend         | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1500     |      | 1            | 0             | 22-10-2018         |            |
| F                | MS8                       | Metso OYJ - Dividend         | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4000     |      | 1            | 0             | 22-10-2018         |            |
| F                | MS8                       | Metso OYJ - Dividend         | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4000     |      | 1            | 0             | 22-10-2018         |            |
| O                | MT                        | Arcelor Mittal               | 16-11-2018  | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,5800     |      | 6            | 0             | 22-10-2018         |            |
| O                | MT                        | Arcelor Mittal               | 16-11-2018  | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     |      | 0            | 30            | 22-10-2018         |            |
| O                | MT                        | Arcelor Mittal               | 16-11-2018  | 20,0000        | C                 | EUR               | 4,1600 | 4,1600 | 3,7000 | 4           | 3,8000 | 3,6900     |      | 4            | 22            | 17                 | 22-10-2018 |
| O                | MT                        | Arcelor Mittal               | 16-11-2018  | 20,0000        | P                 | EUR               | 0,0900 | 0,0900 | 0,0900 | 1           | 0,0900 | 0,1200     |      | 0            | 1             | 35                 | 22-10-2018 |
| O                | MT                        | Arcelor Mittal               | 16-11-2018  | 21,0000        | C                 | EUR               | 3,3000 | 3,3000 | 2,8200 | 2           | 2,8200 | 2,7900     |      | 3            | 6             | 580                | 22-10-2018 |
| O                | MT                        | Arcelor Mittal               | 16-11-2018  | 21,0000        | P                 | EUR               | 0,1700 | 0,2300 | 0,1700 | 2           | 0,2300 | 0,2300     |      | 0            | 2             | 62                 | 22-10-2018 |
| O                | MT                        | Arcelor Mittal               | 16-11-2018  | 21,5000        | C                 | EUR               | 2,4000 | 2,4000 | 2,4000 | 1           | 2,4000 | 2,3700     |      | 2            | 1             | 101                | 22-10-2018 |
| O                | MT                        | Arcelor Mittal               | 16-11-2018  | 21,5000        | P                 | EUR               | 0,2000 | 0,2800 | 0,2000 | 5           | 0,2800 | 0,3100     |      | 0            | 3143          | 3259               | 22-10-2018 |
| O                | MT                        | Arcelor Mittal               | 16-11-2018  | 22,0000        | C                 | EUR               | 2,4700 | 2,4900 | 2,3600 | 3           | 2,3600 | 1,9800     |      | 2            | 25            | 68                 | 22-10-2018 |
| O                | MT                        | Arcelor Mittal               | 16-11-2018  | 22,0000        | P                 | EUR               | 0,3300 | 0,4300 | 0,3200 | 9           | 0,4300 | 0,4200     |      | 0            | 31            | 155                | 22-10-2018 |
| O                | MT                        | Arcelor Mittal               | 16-11-2018  | 22,5000        | C                 | EUR               | 1,9200 | 1,9200 | 1,6200 | 2           | 1,6200 | 1,6300     |      | 2            | 12            | 31                 | 22-10-2018 |
| O                | MT                        | Arcelor Mittal               | 16-11-2018  | 22,5000        | P                 | EUR               | 0,4200 | 0,5700 | 0,4200 | 5           | 0,5700 | 0,5600     |      | 1            | 3187          | 3313               | 22-10-2018 |
| O                | MT                        | Arcelor Mittal               | 16-11-2018  | 23,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3100     |      | 1            | 0             | 55                 | 22-10-2018 |
| O                | MT                        | Arcelor Mittal               | 16-11-2018  | 23,0000        | P                 | EUR               | 0,5500 | 0,7700 | 0,5500 | 16          | 0,7700 | 0,7400     |      | 1            | 163           | 1379               | 22-10-2018 |
| O                | MT                        | Arcelor Mittal               | 16-11-2018  | 23,5000        | C                 | EUR               | 1,2800 | 1,4300 | 1,0200 | 15          | 1,0300 | 1,0200     |      | 1            | 340           | 364                | 22-10-2018 |
| O                | MT                        | Arcelor Mittal               | 16-11-2018  | 23,5000        | P                 | EUR               | 0,7200 | 0,9600 | 0,7200 | 8           | 0,9500 | 0,9600     |      | 1            | 8396          | 12684              | 22-10-2018 |
| O                | MT                        | Arcelor Mittal               | 16-11-2018  | 24,0000        | C                 | EUR               | 1,0500 | 1,0900 | 0,7800 | 27          | 0,7800 | 0,7900     |      | 1            | 207           | 633                | 22-10-2018 |
| O                | MT                        | Arcelor Mittal               | 16-11-2018  | 24,0000        | P                 | EUR               | 0,9500 | 1,2100 | 0,9500 | 24          | 1,1800 | 1,2200     |      | 1            | 286           | 1099               | 22-10-2018 |
| O                | MT                        | Arcelor Mittal               | 16-11-2018  | 24,5000        | C                 | EUR               | 0,8600 | 0,8600 | 0,6000 | 21          | 0,6500 | 0,5900     |      | 1            | 240           | 843                | 22-10-2018 |
| O                | MT                        | Arcelor Mittal               | 16-11-2018  | 24,5000        | P                 | EUR               | 1,2400 | 1,3500 | 1,2400 | 5           | 1,3500 | 1,3500     |      | 2            | 8389          | 6118               | 22-10-2018 |
| O                | MT                        | Arcelor Mittal               | 16-11-2018  | 25,0000        | C                 | EUR               | 0,5700 | 0,6400 | 0,4300 | 24          | 0,4400 | 0,4300     |      | 0            | 164           | 744                | 22-10-2018 |
| O                | MT                        | Arcelor Mittal               | 16-11-2018  | 25,0000        | P                 | EUR               | 1,6000 | 1,8600 | 1,5600 | 8           | 1,8000 | 1,8700     |      | 2            | 20            | 2249               | 22-10-2018 |
| O                | MT                        | Arcelor Mittal               | 16-11-2018  | 25,5000        | C                 | EUR               | 0,4300 | 0,4600 | 0,3100 | 27          | 0,3200 | 0,3200     |      | 0            | 181           | 1750               | 22-10-2018 |
| O                | MT                        | Arcelor Mittal               | 16-11-2018  | 25,5000        | P                 | EUR               | 2,0300 | 2,0500 | 1,9300 | 3           | 1,9300 | 2,2500     |      | 2            | 21            | 629                | 22-10-2018 |
| O                | MT                        | Arcelor Mittal               | 16-11-2018  | 26,0000        | C                 | EUR               | 0,3300 | 0,3600 | 0,2400 | 24          | 0,2400 | 0,2400     |      | 0            | 174           | 1624               | 22-10-2018 |
| O                | MT                        | Arcelor Mittal               | 16-11-2018  | 26,0000        | P                 | EUR               | 2,1800 | 2,6000 | 2,1800 | 5           | 2,6000 | 2,6700     |      | 3            | 17            | 1386               | 22-10-2018 |
| O                | MT                        | Arcelor Mittal               | 16-11-2018  | 26,5000        | C                 | EUR               | 0,2200 | 0,2300 | 0,1700 | 11          | 0,1900 | 0,1700     |      | 0            | 134           | 1116               | 22-10-2018 |
| O                | MT                        | Arcelor Mittal               | 16-11-2018  | 26,5000        | P                 | EUR               | 3,0700 | 3,0700 | 3,0700 | 1           | 3,0700 | 3,1000     |      | 3            | 2             | 306                | 22-10-2018 |
| O                | MT                        | Arcelor Mittal               | 16-11-2018  | 27,0000        | C                 | EUR               | 0,1700 | 0,1700 | 0,1200 | 11          | 0,1200 | 0,1200     |      | 0            | 68            | 1164               | 22-10-2018 |
| O                | MT                        | Arcelor Mittal               | 16-11-2018  | 27,0000        | P                 | EUR               | 3,2000 | 3,5700 | 3,2000 | 3           | 3,5700 | 3,5600     |      | 4            | 6             | 858                | 22-10-2018 |
| O                | MT                        | Arcelor Mittal               | 16-11-2018  | 27,5000        | C                 | EUR               | 0,1200 | 0,1200 | 0,1000 | 6           | 0,1000 | 0,0900     |      | 0            | 110           | 756                | 22-10-2018 |
| O                | MT                        | Arcelor Mittal               | 16-11-2018  | 27,5000        | P                 | EUR               | 4,0000 | 4,0000 | 4,0000 | 1           | 4,0000 | 4,0300     |      | 4            | 1             | 220                | 22-10-2018 |
| O                | MT                        | Arcelor Mittal               | 16-11-2018  | 28,0000        | C                 | EUR               | 0,0900 | 0,0900 | 0,0700 | 5           | 0,0700 | 0,0700     |      | 0            | 15            | 1412               | 22-10-2018 |
| O                | MT                        | Arcelor Mittal               | 16-11-2018  | 28,0000        | P                 | EUR               | 4,2900 |        |        |             |        |            |      |              |               |                    |            |



| Instrument Type* | Instrument Trading Symbol | Instrument Name | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open    | High    | Low     | Trade Count | Close   | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|-----------------|-------------|----------------|-------------------|-------------------|---------|---------|---------|-------------|---------|------------|------|--------------|---------------|--------------------|
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 2,3400         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 4,6500         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 18,9200    | 19   | 0            | 0             | 22-10-2018         |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 4,6500         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 50            | 22-10-2018         |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 5,8200         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 17,7500    | 18   | 0            | 25            | 22-10-2018         |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 5,8200         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 1             | 22-10-2018         |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 6,9900         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 16,5800    | 17   | 0            | 64            | 22-10-2018         |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 6,9900         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 8,1300         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 15,4400    | 15   | 0            | 52            | 22-10-2018         |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 8,1300         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 2             | 22-10-2018         |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 9,0000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 14,5700    | 15   | 0            | 0             | 22-10-2018         |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 9,0000         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 2             | 22-10-2018         |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 9,3000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 14,2700    | 14   | 0            | 52            | 22-10-2018         |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 9,3000         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 10,4700        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 13,1000    | 13   | 0            | 16            | 22-10-2018         |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 10,4700        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 30            | 22-10-2018         |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 10,5000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 13,0700    | 13   | 0            | 85            | 22-10-2018         |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 10,5000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 24            | 22-10-2018         |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 11,6400        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 11,9300    | 12   | 0            | 92            | 22-10-2018         |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 11,6400        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 20            | 22-10-2018         |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 12,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 11,5700    | 12   | 0            | 26            | 22-10-2018         |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 12,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 48            | 22-10-2018         |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 13,5000        | C                 | EUR               | 10,1700 | 10,1700 | 10,1700 | 1           | 10,1700 | 10,0800    | 10   | 83           | 344           | 22-10-2018         |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 13,5000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 49            | 22-10-2018         |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 13,9500        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 9,6300     | 10   | 0            | 21            | 22-10-2018         |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 13,9500        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 92            | 22-10-2018         |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 15,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,6000     | 9    | 0            | 220           | 22-10-2018         |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 15,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0200     | 0    | 0            | 1652          | 22-10-2018         |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 16,2900        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,3300     | 7    | 0            | 111           | 22-10-2018         |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 16,2900        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0500     | 0    | 0            | 199           | 22-10-2018         |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 16,5000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,1300     | 7    | 0            | 9             | 22-10-2018         |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 16,5000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0500     | 0    | 0            | 3638          | 22-10-2018         |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 18,6000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,1000     | 5    | 0            | 161           | 22-10-2018         |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 18,6000        | P                 | EUR               | 0,1300  | 0,1300  | 0,1300  | 1           | 0,1300  | 0,1600     | 0    | 1            | 1514          | 22-10-2018         |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 20,0000        | C                 | EUR               | 4,1400  | 4,1400  | 3,9500  | 3           | 3,9500  | 3,8700     | 4    | 11           | 414           | 22-10-2018         |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 20,0000        | P                 | EUR               | 0,2600  | 0,2900  | 0,2400  | 21          | 0,2900  | 0,3000     | 0    | 1526         | 11417         | 22-10-2018         |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 20,9400        | C                 | EUR               | 3,2400  | 3,2400  | 3,2400  | 1           | 3,2400  | 3,0900     | 3    | 10           | 306           | 22-10-2018         |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 20,9400        | P                 | EUR               | 0,4000  | 0,4600  | 0,4000  | 2           | 0,4600  | 0,4700     | 0    | 32           | 849           | 22-10-2018         |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 21,5000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,6600     | 3    | 0            | 31            | 22-10-2018         |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 21,5000        | P                 | EUR               | 0,5300  | 0,5300  | 0,5100  | 3           | 0,5300  | 0,6100     | 1    | 7            | 488           | 22-10-2018         |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 22,0000        | C                 | EUR               | 2,7100  | 2,7100  | 2,3700  | 2           | 2,3700  | 2,3100     | 2    | 85           | 1285          | 22-10-2018         |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 22,0000        | P                 | EUR               | 0,6200  | 0,7500  | 0,6200  | 4           | 0,7500  | 0,7500     | 1    | 15           | 3001          | 22-10-2018         |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 22,5000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,9900     | 2    | 0            | 24            | 22-10-2018         |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 22,5000        | P                 | EUR               | 0,7800  | 0,7800  | 0,7800  | 1           | 0,7800  | 0,9200     | 1    | 1            | 626           | 22-10-2018         |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 23,2500        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,5500     | 2    | 0            | 2629          | 22-10-2018         |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 23,2500        | P                 | EUR               | 1,0600  | 1,0600  | 1,0600  | 1           | 1,0600  | 1,2400     | 1    | 1            | 2060          | 22-10-2018         |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 23,5000        | C                 | EUR               | 1,7500  | 1,7500  | 1,4000  | 9           | 1,4000  | 1,4100     | 1    | 143          | 202           | 22-10-2018         |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 23,5000        | P                 | EUR               | 1,1000  | 1,3700  | 1,1000  | 6           | 1,3700  | 1,3500     | 1    | 19           | 111           | 22-10-2018         |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 24,0000        | C                 | EUR               | 1,4200  | 1,4200  | 1,1500  | 11          | 1,1800  | 1,1800     | 1    | 26           | 6446          | 22-10-2018         |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 24,0000        | P                 | EUR               | 1,3500  | 1,6100  | 1,3300  | 13          | 1,5900  | 1,6200     | 2    | 55           | 9417          | 22-10-2018         |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 24,5000        | C                 | EUR               | 1,1800  | 1,1800  | 1,0000  | 4           | 1,0000  | 0,9700     | 1    | 23           | 311           | 22-10-2018         |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 24,5000        | P                 | EUR               | 1,6700  | 1,9000  | 1,6700  | 4           | 1,9000  | 1,9100     | 2    | 19           | 1179          | 22-10-2018         |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 25,0000        | C                 | EUR               | 1,0000  | 1,0000  | 0,7700  | 40          | 0,8200  | 0,7800     | 1    | 1055         | 3140          | 22-10-2018         |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 25,0000        | P                 | EUR               | 1,9000  | 2,2100  | 1,9000  | 3           | 2,2100  | 2,2200     | 2    | 11           | 3508          | 22-10-2018         |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 25,5000        | C                 | EUR               | 0,8000  | 0,8000  | 0,7700  | 4           | 0,7700  | 0,6300     | 1    | 113          | 2698          | 22-10-2018         |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 25,5000        | P                 | EUR               | 2,2500  | 2,2500  | 2,2500  | 1           | 2,2500  | 2,5700     | 3    | 5            | 1873          | 22-10-2018         |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 26,0000        | C                 | EUR               | 0,6400  | 0,6400  | 0,5000  | 16          | 0,5100  | 0,5000     | 1    | 45           | 11564         | 22-10-2018         |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 26,0000        | P                 | EUR               | 2,6000  | 2,7700  | 2,6000  | 3           | 2,7700  | 2,9500     | 3    | 12           | 12610         | 22-10-2018         |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 26,5000        | C                 | EUR               | 0,4000  | 0,4000  | 0,4000  | 1           | 0,4000  | 0,4000     | 0    | 65           | 147           | 22-10-2018         |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 26,5000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,3400     | 3    | 0            | 397           | 22-10-2018         |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 27,0000        | C                 | EUR               | 0,4300  | 0,4300  | 0,3300  | 10          | 0,3300  | 0,3200     | 0    | 43           | 6745          | 22-10-2018         |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 27,0000        | P                 | EUR               | 3,4200  | 3,5400  | 3,4200  | 4           | 3,5400  | 3,7600     | 4    | 12           | 1924          | 22-10-2018         |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 27,5000        | C                 | EUR               | 0,3200  | 0,3200  | 0,2600  | 2           | 0,2600  | 0,2500     | 0    | 6            | 576           | 22-10-2018         |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 27,5000        | P                 | EUR               | 4,1500  | 4,1500  | 4,1500  | 1           | 4,1500  | 4,2000     | 4    | 7            | 116           | 22-10-2018         |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 28,0000        | C                 | EUR               | 0,2700  | 0,2700  | 0,2000  | 32          | 0,2100  | 0,2000     | 0    | 1021         | 8024          | 22-10-2018         |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 28,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,6500     | 5    | 0            | 3590          | 22-10-2018         |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 29,0000        | C                 | EUR               | 0,1800  | 0,1800  | 0,1600  | 4           | 0,1600  | 0,1300     | 0    | 38           | 3971          | 22-10-2018         |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 29,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,6000     | 6    | 0            | 1719          | 22-10-2018         |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 30,0000        | C                 | EUR               | 0,1200  | 0,1200  | 0,0900  | 6           | 0,0900  | 0,0900     | 0    | 20           | 15910         | 22-10-2018         |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 30,0000        | P                 | EUR               | 5,9500  | 5,9500  | 5,9500  | 2           | 5,9500  | 6,5200     | 7    | 10           | 2318          | 22-10-2018         |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 32,0000        | C                 | EUR               | 0,0600  | 0,0700  | 0,0500  | 4           | 0,0500  | 0,0500     | 0    | 24           | 43608         | 22-10-2018         |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 32,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,4700     | 8    | 0            | 478           | 22-10-2018         |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 34,8900        | C                 | EUR               | 0,0300  | 0,0300  | 0,0300  | 2           | 0,0300  | 0,0100     | 0    | 3            | 2696          | 22-10-2018         |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 34,8900        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 11,3700    | 11   | 0            | 556           | 22-10-2018         |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 40,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 2153          | 22-10-2018         |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 40,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 16,4700    | 16   | 0            | 867           | 22-10-2018         |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 46,5300        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 1766          | 22-10-2018         |
| O                | MT                        | Arcelor Mittal  | 21-12-2018  | 46,5300        | P                 | EUR               | 23,0000 | 23,0000 |         |             |         |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|-----------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | MT                        | Arcelor Mittal  | 18-1-2019   | 24,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3600     |      | 1            | 0             | 0 22-10-2018       |
| O                | MT                        | Arcelor Mittal  | 18-1-2019   | 24,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8200     |      | 2            | 0             | 0 22-10-2018       |
| O                | MT                        | Arcelor Mittal  | 18-1-2019   | 24,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1500     |      | 1            | 0             | 0 22-10-2018       |
| O                | MT                        | Arcelor Mittal  | 18-1-2019   | 24,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1000     |      | 2            | 0             | 0 22-10-2018       |
| O                | MT                        | Arcelor Mittal  | 18-1-2019   | 25,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9600     |      | 1            | 0             | 0 22-10-2018       |
| O                | MT                        | Arcelor Mittal  | 18-1-2019   | 25,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4100     |      | 2            | 0             | 0 22-10-2018       |
| O                | MT                        | Arcelor Mittal  | 18-1-2019   | 26,0000        | C                 | EUR               | 0,8100 | 0,8100 | 0,6500 | 3           | 0,6500 | 0,6600     |      | 1            | 16            | 16 22-10-2018      |
| O                | MT                        | Arcelor Mittal  | 18-1-2019   | 26,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1100     |      | 3            | 0             | 0 22-10-2018       |
| O                | MT                        | Arcelor Mittal  | 18-1-2019   | 27,0000        | C                 | EUR               | 0,5500 | 0,5500 | 0,4600 | 4           | 0,4600 | 0,4500     |      | 0            | 6             | 6 22-10-2018       |
| O                | MT                        | Arcelor Mittal  | 18-1-2019   | 27,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9100     |      | 4            | 0             | 0 22-10-2018       |
| O                | MT                        | Arcelor Mittal  | 15-3-2019   | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,9300     |      | 6            | 0             | 82 22-10-2018      |
| O                | MT                        | Arcelor Mittal  | 15-3-2019   | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3600     |      | 0            | 2361          | 22-10-2018         |
| O                | MT                        | Arcelor Mittal  | 15-3-2019   | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,2600     |      | 4            | 0             | 521 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 15-3-2019   | 20,0000        | P                 | EUR               | 0,6500 | 0,6600 | 0,6500 | 3           | 0,6600 | 0,7100     |      | 1            | 27            | 333 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 15-3-2019   | 22,0000        | C                 | EUR               | 3,1500 | 3,1500 | 3,1500 | 1           | 3,1500 | 2,8700     |      | 3            | 5             | 287 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 15-3-2019   | 22,0000        | P                 | EUR               | 1,2300 | 1,2300 | 1,2300 | 1           | 1,2300 | 1,3300     |      | 1            | 9             | 13769 22-10-2018   |
| O                | MT                        | Arcelor Mittal  | 15-3-2019   | 23,0000        | C                 | EUR               | 2,5900 | 2,5900 | 2,4900 | 5           | 2,4900 | 2,3000     |      | 2            | 36            | 265 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 15-3-2019   | 23,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7500     |      | 2            | 0             | 533 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 15-3-2019   | 24,0000        | C                 | EUR               | 1,9500 | 1,9500 | 1,8200 | 2           | 1,8200 | 1,8000     |      | 2            | 8             | 254 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 15-3-2019   | 24,0000        | P                 | EUR               | 2,0500 | 2,1400 | 2,0500 | 5           | 2,1400 | 2,2600     |      | 2            | 13            | 1135 22-10-2018    |
| O                | MT                        | Arcelor Mittal  | 15-3-2019   | 25,0000        | C                 | EUR               | 1,5700 | 1,5700 | 1,4500 | 5           | 1,4500 | 1,3900     |      | 1            | 26            | 2752 22-10-2018    |
| O                | MT                        | Arcelor Mittal  | 15-3-2019   | 25,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8500     |      | 3            | 0             | 508 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 15-3-2019   | 26,0000        | C                 | EUR               | 1,2000 | 1,2000 | 1,0600 | 94          | 1,0900 | 1,0600     |      | 1            | 779           | 1105 22-10-2018    |
| O                | MT                        | Arcelor Mittal  | 15-3-2019   | 26,0000        | P                 | EUR               | 3,3400 | 3,3400 | 3,3400 | 1           | 3,3400 | 3,5300     |      | 4            | 5             | 1089 22-10-2018    |
| O                | MT                        | Arcelor Mittal  | 15-3-2019   | 27,0000        | C                 | EUR               | 0,9300 | 0,9300 | 0,8000 | 3           | 0,8000 | 0,7900     |      | 1            | 11            | 706 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 15-3-2019   | 27,0000        | P                 | EUR               | 3,9700 | 4,2500 | 3,9700 | 3           | 4,2500 | 4,2600     |      | 4            | 7             | 459 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 15-3-2019   | 28,0000        | C                 | EUR               | 0,7100 | 0,7100 | 0,5900 | 77          | 0,5900 | 0,5900     |      | 1            | 734           | 11331 22-10-2018   |
| O                | MT                        | Arcelor Mittal  | 15-3-2019   | 28,0000        | P                 | EUR               | 4,6000 | 4,9500 | 4,6000 | 3           | 4,9500 | 5,0900     |      | 5            | 3             | 409 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 15-3-2019   | 29,0000        | C                 | EUR               | 0,4300 | 0,4300 | 0,4300 | 1           | 0,4300 | 0,4400     |      | 0            | 1             | 2448 22-10-2018    |
| O                | MT                        | Arcelor Mittal  | 15-3-2019   | 29,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,9200     |      | 6            | 0             | 583 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 15-3-2019   | 30,0000        | C                 | EUR               | 0,4100 | 0,4200 | 0,3800 | 4           | 0,3800 | 0,3300     |      | 0            | 4             | 47831 22-10-2018   |
| O                | MT                        | Arcelor Mittal  | 15-3-2019   | 30,0000        | P                 | EUR               | 6,8000 | 6,8000 | 6,8000 | 1           | 6,8000 | 6,7900     |      | 7            | 1             | 909 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 15-3-2019   | 32,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1800     |      | 0            | 0             | 30648 22-10-2018   |
| O                | MT                        | Arcelor Mittal  | 15-3-2019   | 32,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,6700     |      | 9            | 0             | 545 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 15-3-2019   | 35,0000        | C                 | EUR               | 0,1100 | 0,1100 | 0,0900 | 4           | 0,0900 | 0,0900     |      | 0            | 9             | 638 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 15-3-2019   | 35,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,5700    |      | 12           | 0             | 528 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 15-3-2019   | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     |      | 0            | 302           | 22-10-2018         |
| O                | MT                        | Arcelor Mittal  | 15-3-2019   | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,5300    |      | 17           | 0             | 140 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 15-3-2019   | 45,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 1217 22-10-2018    |
| O                | MT                        | Arcelor Mittal  | 15-3-2019   | 45,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,5200    |      | 22           | 0             | 261 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 21-6-2019   | 16,0000        | C                 | EUR               | 8,1000 | 8,1000 | 8,1000 | 1           | 8,1000 | 7,8500     |      | 8            | 4             | 57 22-10-2018      |
| O                | MT                        | Arcelor Mittal  | 21-6-2019   | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3600     |      | 0            | 0             | 543 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 21-6-2019   | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,1600     |      | 6            | 0             | 360 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 21-6-2019   | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6800     |      | 1            | 0             | 3142 22-10-2018    |
| O                | MT                        | Arcelor Mittal  | 21-6-2019   | 20,0000        | C                 | EUR               | 5,1000 | 5,1000 | 5,1000 | 2           | 5,1000 | 4,6200     |      | 5            | 10            | 350 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 21-6-2019   | 20,0000        | P                 | EUR               | 1,0900 | 1,1300 | 1,0900 | 7           | 1,1000 | 1,1800     |      | 1            | 53            | 2548 22-10-2018    |
| O                | MT                        | Arcelor Mittal  | 21-6-2019   | 22,0000        | C                 | EUR               | 3,7500 | 3,7500 | 3,5800 | 5           | 3,5800 | 3,3200     |      | 3            | 44            | 221 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 21-6-2019   | 22,0000        | P                 | EUR               | 1,7700 | 1,8900 | 1,7700 | 3           | 1,8900 | 1,9200     |      | 2            | 9             | 604 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 21-6-2019   | 23,0000        | C                 | EUR               | 3,0100 | 3,0100 | 2,8600 | 2           | 2,8600 | 2,7600     |      | 3            | 15            | 472 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 21-6-2019   | 23,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3900     |      | 2            | 0             | 510 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 21-6-2019   | 24,0000        | C                 | EUR               | 2,2800 | 2,2800 | 2,2800 | 1           | 2,2800 | 2,2900     |      | 2            | 10            | 663 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 21-6-2019   | 24,0000        | P                 | EUR               | 2,7500 | 2,7500 | 2,7500 | 2           | 2,7500 | 2,9100     |      | 3            | 2             | 3927 22-10-2018    |
| O                | MT                        | Arcelor Mittal  | 21-6-2019   | 25,0000        | C                 | EUR               | 2,1700 | 2,1700 | 1,9000 | 5           | 1,9000 | 1,8700     |      | 2            | 64            | 743 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 21-6-2019   | 25,0000        | P                 | EUR               | 3,2900 | 3,5200 | 3,2900 | 4           | 3,5200 | 3,5100     |      | 4            | 9             | 6279 22-10-2018    |
| O                | MT                        | Arcelor Mittal  | 21-6-2019   | 26,0000        | C                 | EUR               | 1,5000 | 1,5100 | 1,5000 | 3           | 1,5100 | 1,5200     |      | 2            | 60            | 1352 22-10-2018    |
| O                | MT                        | Arcelor Mittal  | 21-6-2019   | 26,0000        | P                 | EUR               | 4,1800 | 4,1800 | 4,1800 | 1           | 4,1800 | 4,1700     |      | 4            | 38            | 2781 22-10-2018    |
| O                | MT                        | Arcelor Mittal  | 21-6-2019   | 27,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2300     |      | 1            | 0             | 3862 22-10-2018    |
| O                | MT                        | Arcelor Mittal  | 21-6-2019   | 27,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,8900     |      | 5            | 0             | 180 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 21-6-2019   | 28,0000        | C                 | EUR               | 1,1300 | 1,1300 | 1,0100 | 4           | 1,0100 | 1,0000     |      | 1            | 127           | 1865 22-10-2018    |
| O                | MT                        | Arcelor Mittal  | 21-6-2019   | 28,0000        | P                 | EUR               | 5,3000 | 5,3500 | 5,3000 | 2           | 5,3500 | 5,6900     |      | 6            | 5             | 4668 22-10-2018    |
| O                | MT                        | Arcelor Mittal  | 21-6-2019   | 29,0000        | C                 | EUR               | 0,9400 | 0,9400 | 0,9400 | 1           | 0,9400 | 0,8000     |      | 1            | 8             | 285 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 21-6-2019   | 29,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,5200     |      | 7            | 0             | 252 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 21-6-2019   | 30,0000        | C                 | EUR               | 0,7100 | 0,7100 | 0,7100 | 1           | 0,7100 | 0,6400     |      | 1            | 1             | 3850 22-10-2018    |
| O                | MT                        | Arcelor Mittal  | 21-6-2019   | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,3800     |      | 7            | 0             | 3721 22-10-2018    |
| O                | MT                        | Arcelor Mittal  | 21-6-2019   | 35,0000        | C                 | EUR               | 0,2700 | 0,2700 | 0,2700 | 2           | 0,2700 | 0,2200     |      | 0            | 24            | 5588 22-10-2018    |
| O                | MT                        | Arcelor Mittal  | 21-6-2019   | 35,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,0400    |      | 12           | 0             | 986 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 21-6-2019   | 40,0000        | C                 | EUR               | 0,1100 | 0,1100 | 0,1100 | 1           | 0,1100 | 0,0900     |      | 0            | 1             | 1558 22-10-2018    |
| O                | MT                        | Arcelor Mittal  | 21-6-2019   | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,9300    |      | 17           | 0             | 324 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 20-9-2019   | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,3300     |      | 6            | 0             | 0 22-10-2018       |
| O                | MT                        | Arcelor Mittal  | 20-9-2019   | 18,0000        | P                 | EUR               | 0,8900 | 0,8900 | 0,8900 | 2           | 0,8900 | 0,9500     |      | 1            | 42            | 102 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 20-9-2019   | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,8900     |      | 5            | 0             | 5 22-10-2018       |
| O                | MT                        | Arcelor Mittal  | 20-9-2019   | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5300     |      | 2            | 0             | 65 22-10-2018      |
| O                | MT                        | Arcelor Mittal  | 20-9-2019   | 22,0000        | C                 | EUR               | 3,8300 | 3,8300 | 3,8300 | 2           | 3,8300 | 3,6600     |      | 4            | 6             | 6 22-10-2018       |
| O                | MT                        | Arcelor Mittal  | 20-9-2019   | 22,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3300     |      | 2            | 0             | 42 22-10-2018      |
| O                | MT                        | Arcelor Mittal  | 20-9-2019   | 23,0000        | C                 | EUR               | 3,3400 | 3,3400 | 3,3400 | 1           | 3,3400 | 3,1300     |      | 3            | 7             | 8 22-10-2018       |
| O                | MT                        | Arcelor Mittal  | 20-9-2019   | 23,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8100     |      | 3            | 0             | 0 22-10-2018       |
| O                | MT                        | Arcelor Mittal  | 20-9-2019   | 24,0000        | C                 | EUR               | 2,6900 | 2,6900 | 2,6900 | 1           | 2,6900 | 2,6700     |      | 3            | 6             | 7 22-10-2018       |
| O                | MT                        | Arcelor Mittal  | 20-9-       |                |                   |                   |        |        |        |             |        |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open    | High    | Low     | Trade Count | Close   | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|-----------------|-------------|----------------|-------------------|-------------------|---------|---------|---------|-------------|---------|------------|------|--------------|---------------|--------------------|
| O                | MT                        | Arcelor Mittal  | 20-9-2019   | 28,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,0600     |      | 6            | 0             | 1 22-10-2018       |
| O                | MT                        | Arcelor Mittal  | 20-9-2019   | 29,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,1200     |      | 1            | 0             | 32 22-10-2018      |
| O                | MT                        | Arcelor Mittal  | 20-9-2019   | 29,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,8400     |      | 7            | 0             | 4 22-10-2018       |
| O                | MT                        | Arcelor Mittal  | 20-9-2019   | 30,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,9300     |      | 1            | 0             | 107 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 20-9-2019   | 30,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,6600     |      | 8            | 0             | 88 22-10-2018      |
| O                | MT                        | Arcelor Mittal  | 20-9-2019   | 35,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3800     |      | 0            | 0             | 4 22-10-2018       |
| O                | MT                        | Arcelor Mittal  | 20-9-2019   | 35,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,1200    |      | 12           | 0             | 30 22-10-2018      |
| O                | MT                        | Arcelor Mittal  | 20-9-2019   | 40,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1500     |      | 0            | 0             | 20 22-10-2018      |
| O                | MT                        | Arcelor Mittal  | 20-9-2019   | 40,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 16,9000    |      | 17           | 0             | 148 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 2,3400         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 21,2300    |      | 21           | 0             | 0 22-10-2018       |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 2,3400         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 100 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 4,6500         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 18,9300    |      | 19           | 0             | 0 22-10-2018       |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 4,6500         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 0 22-10-2018       |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 5,8200         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 17,7500    |      | 18           | 0             | 0 22-10-2018       |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 5,8200         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 1 22-10-2018       |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 6,0000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 17,5700    |      | 18           | 0             | 0 22-10-2018       |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 6,0000         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 0 22-10-2018       |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 6,9900         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 16,5800    |      | 17           | 0             | 0 22-10-2018       |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 6,9900         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 220 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 8,1300         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 15,4400    |      | 15           | 0             | 0 22-10-2018       |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 8,1300         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0400     |      | 0            | 0             | 100 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 9,0000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 14,5800    |      | 15           | 0             | 0 22-10-2018       |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 9,0000         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0700     |      | 0            | 0             | 228 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 9,3000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 14,2800    |      | 14           | 0             | 0 22-10-2018       |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 9,3000         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0900     |      | 0            | 0             | 132 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 10,4700        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 13,1300    |      | 13           | 0             | 0 22-10-2018       |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 10,4700        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1300     |      | 0            | 0             | 56 22-10-2018      |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 11,6400        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,0300    |      | 12           | 0             | 5 22-10-2018       |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 11,6400        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2000     |      | 0            | 0             | 167 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 12,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 11,6800    |      | 12           | 0             | 54 22-10-2018      |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 12,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2300     |      | 0            | 0             | 91 22-10-2018      |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 13,9500        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 9,9000     |      | 10           | 0             | 20 22-10-2018      |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 13,9500        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,4100     |      | 0            | 0             | 413 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 15,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,9500     |      | 9            | 0             | 33 22-10-2018      |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 15,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,5700     |      | 1            | 0             | 172 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 16,2900        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,9100     |      | 8            | 0             | 23 22-10-2018      |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 16,2900        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,8000     |      | 1            | 0             | 88 22-10-2018      |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 16,5000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,7300     |      | 8            | 0             | 13 22-10-2018      |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 16,5000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,8300     |      | 1            | 0             | 109 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 18,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,5900     |      | 7            | 0             | 145 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 18,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,2100     |      | 1            | 0             | 2542 22-10-2018    |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 18,6000        | C                 | EUR               | 6,5000  | 6,5000  | 6,5000  | 1           | 6,5000  | 6,1400     |      | 6            | 15            | 509 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 18,6000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,3800     |      | 1            | 0             | 402 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 20,0000        | C                 | EUR               | 5,3800  | 5,3800  | 5,2000  | 6           | 5,2000  | 5,1900     |      | 5            | 14            | 82 22-10-2018      |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 20,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,8500     |      | 2            | 0             | 1719 22-10-2018    |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 20,9400        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,6100     |      | 5            | 0             | 150 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 20,9400        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,2300     |      | 2            | 0             | 300 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 22,0000        | C                 | EUR               | 4,3200  | 4,3200  | 4,0300  | 3           | 4,0300  | 4,0100     |      | 4            | 10            | 471 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 22,0000        | P                 | EUR               | 2,5300  | 2,5300  | 2,5300  | 1           | 2,5300  | 2,7000     |      | 3            | 80            | 736 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 23,2500        | C                 | EUR               | 3,3500  | 3,3500  | 3,3500  | 1           | 3,3500  | 3,3800     |      | 3            | 1             | 1225 22-10-2018    |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 23,2500        | P                 | EUR               | 3,1800  | 3,2900  | 3,1400  | 7           | 3,2900  | 3,3200     |      | 3            | 105           | 989 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 25,0000        | C                 | EUR               | 2,6200  | 2,6200  | 2,6200  | 1           | 2,6200  | 2,6300     |      | 3            | 1             | 3417 22-10-2018    |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 25,0000        | P                 | EUR               | 4,1300  | 4,3000  | 4,1300  | 2           | 4,3000  | 4,3300     |      | 4            | 101           | 3800 22-10-2018    |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 26,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,2800     |      | 2            | 0             | 573 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 26,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,9800     |      | 5            | 0             | 559 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 27,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,9500     |      | 2            | 0             | 368 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 27,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,6500     |      | 6            | 0             | 556 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 28,0000        | C                 | EUR               | 1,8300  | 1,8300  | 1,8200  | 2           | 1,8200  | 1,6800     |      | 2            | 41            | 571 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 28,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,4100     |      | 6            | 0             | 278 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 30,0000        | C                 | EUR               | 1,3300  | 1,3300  | 1,2000  | 4           | 1,2000  | 1,2200     |      | 1            | 13            | 1293 22-10-2018    |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 30,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,9600     |      | 8            | 0             | 2054 22-10-2018    |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 34,8900        | C                 | EUR               | 0,6200  | 0,6200  | 0,6100  | 3           | 0,6100  | 0,5600     |      | 1            | 115           | 2140 22-10-2018    |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 34,8900        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,1900    |      | 12           | 0             | 372 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 40,0000        | C                 | EUR               | 0,3300  | 0,3300  | 0,2600  | 7           | 0,2700  | 0,2700     |      | 0            | 47            | 1064 22-10-2018    |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 40,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 17,0400    |      | 17           | 0             | 116 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 46,5300        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1100     |      | 0            | 0             | 1613 22-10-2018    |
| O                | MT                        | Arcelor Mittal  | 20-12-2019  | 46,5300        | P                 | EUR               | 23,5000 | 23,5000 | 23,5000 | 1           | 23,5000 | 23,4500    |      | 23           | 1             | 129 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 19-6-2020   | 20,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,6100     |      | 6            | 0             | 0 22-10-2018       |
| O                | MT                        | Arcelor Mittal  | 19-6-2020   | 20,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,4300     |      | 2            | 0             | 25 22-10-2018      |
| O                | MT                        | Arcelor Mittal  | 19-6-2020   | 22,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,5100     |      | 5            | 0             | 4 22-10-2018       |
| O                | MT                        | Arcelor Mittal  | 19-6-2020   | 22,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,3600     |      | 3            | 0             | 29 22-10-2018      |
| O                | MT                        | Arcelor Mittal  | 19-6-2020   | 24,0000        | C                 | EUR               | 3,8800  | 3,8800  | 3,8800  | 1           | 3,8800  | 3,5800     |      | 4            | 28            | 185 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 19-6-2020   | 24,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,4600     |      | 4            | 0             | 34 22-10-2018      |
| O                | MT                        | Arcelor Mittal  | 19-6-2020   | 26,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,8200     |      | 3            | 0             | 217 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 19-6-2020   | 26,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,7300     |      | 6            | 0             | 57 22-10-2018      |
| O                | MT                        | Arcelor Mittal  | 19-6-2020   | 28,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,2100     |      | 2            | 0             | 176 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 19-6-2020   | 28,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,1300     |      | 7            | 0             | 0 22-10-2018       |
| O                | MT                        | Arcelor Mittal  | 19-6-20     |                |                   |                   |         |         |         |             |         |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|-----------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 5,8200         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,7500    |      | 18           | 0             | 0 22-10-2018       |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 5,8200         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     |      | 0            | 0             | 1 22-10-2018       |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 6,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,5800    |      | 18           | 0             | 0 22-10-2018       |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 6,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     |      | 0            | 0             | 0 22-10-2018       |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 6,9900         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,5800    |      | 17           | 0             | 0 22-10-2018       |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 6,9900         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     |      | 0            | 0             | 64 22-10-2018      |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 8,1300         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,4500    |      | 15           | 0             | 0 22-10-2018       |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 8,1300         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1400     |      | 0            | 100           | 0 22-10-2018       |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 9,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,6000    |      | 15           | 0             | 0 22-10-2018       |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 9,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1800     |      | 0            | 0             | 0 22-10-2018       |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 9,3000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,3000    |      | 14           | 0             | 1 22-10-2018       |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 9,3000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2100     |      | 0            | 18            | 0 22-10-2018       |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 10,4700        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,2000    |      | 13           | 0             | 0 22-10-2018       |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 10,4700        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3200     |      | 0            | 0             | 68 22-10-2018      |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 11,6400        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,1300    |      | 12           | 0             | 35 22-10-2018      |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 11,6400        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4800     |      | 0            | 104           | 0 22-10-2018       |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 12,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,8000    |      | 12           | 0             | 67 22-10-2018      |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5300     |      | 1            | 0             | 85 22-10-2018      |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 13,9500        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,1800    |      | 10           | 0             | 68 22-10-2018      |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 13,9500        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9100     |      | 1            | 0             | 245 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,3300     |      | 9            | 0             | 33 22-10-2018      |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1400     |      | 1            | 0             | 330 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,2100     |      | 7            | 0             | 17 22-10-2018      |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0900     |      | 2            | 0             | 245 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 18,6000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,8600     |      | 7            | 0             | 68 22-10-2018      |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 18,6000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3200     |      | 2            | 0             | 234 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 20,0000        | C                 | EUR               | 6,3300 | 6,3300 | 6,3300 | 1           | 6,3300 | 6,0100     |      | 6            | 1             | 128 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9100     |      | 3            | 0             | 493 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 21,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,4700     |      | 5            | 0             | 145 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 21,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3700     |      | 3            | 0             | 116 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 22,0000        | C                 | EUR               | 5,3000 | 5,3000 | 5,3000 | 1           | 5,3000 | 4,9500     |      | 5            | 4             | 224 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 22,0000        | P                 | EUR               | 3,7200 | 3,7200 | 3,7200 | 3           | 3,7600 | 3,8900     |      | 4            | 170           | 496 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 23,2500        | C                 | EUR               | 4,6500 | 4,6500 | 4,6500 | 1           | 4,6500 | 4,3800     |      | 4            | 1             | 90 22-10-2018      |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 23,2500        | P                 | EUR               | 4,4200 | 4,4200 | 4,4200 | 1           | 4,4200 | 4,5600     |      | 5            | 65            | 62 22-10-2018      |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 25,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,6700     |      | 4            | 0             | 325 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 25,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,6200     |      | 6            | 0             | 590 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 26,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3100     |      | 3            | 0             | 61 22-10-2018      |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 26,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,2800     |      | 6            | 0             | 29 22-10-2018      |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 27,0000        | C                 | EUR               | 3,1700 | 3,1700 | 3,1000 | 2           | 3,1000 | 3,0000     |      | 3            | 5             | 383 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 27,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,9800     |      | 7            | 0             | 11 22-10-2018      |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6900     |      | 3            | 0             | 126 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,6800     |      | 8            | 0             | 290 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 30,0000        | C                 | EUR               | 2,4000 | 2,4000 | 2,4000 | 1           | 2,4000 | 2,1800     |      | 2            | 1             | 460 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,1800     |      | 9            | 0             | 138 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 36,0000        | C                 | EUR               | 1,2100 | 1,2100 | 1,2100 | 2           | 1,2100 | 1,1200     |      | 1            | 105           | 238 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 36,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,1600    |      | 14           | 0             | 161 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7300     |      | 1            | 0             | 1234 22-10-2018    |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,8200    |      | 18           | 0             | 1223 22-10-2018    |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 45,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4400     |      | 0            | 0             | 415 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 18-12-2020  | 45,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,5400    |      | 23           | 0             | 11 22-10-2018      |
| O                | MT                        | Arcelor Mittal  | 17-12-2021  | 10,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,7300    |      | 14           | 0             | 30 22-10-2018      |
| O                | MT                        | Arcelor Mittal  | 17-12-2021  | 10,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5100     |      | 1            | 0             | 59 22-10-2018      |
| O                | MT                        | Arcelor Mittal  | 17-12-2021  | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,6800     |      | 10           | 0             | 252 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 17-12-2021  | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7200     |      | 2            | 0             | 612 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 17-12-2021  | 18,0000        | C                 | EUR               | 8,2500 | 8,2500 | 8,2500 | 2           | 8,2500 | 7,7600     |      | 8            | 2             | 58 22-10-2018      |
| O                | MT                        | Arcelor Mittal  | 17-12-2021  | 18,0000        | P                 | EUR               | 2,8000 | 2,8000 | 2,8000 | 3           | 2,8000 | 2,8200     |      | 3            | 5             | 197 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 17-12-2021  | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,6400     |      | 7            | 0             | 101 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 17-12-2021  | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,7700     |      | 4            | 0             | 136 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 17-12-2021  | 21,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,1700     |      | 6            | 0             | 180 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 17-12-2021  | 21,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,2800     |      | 4            | 0             | 73 22-10-2018      |
| O                | MT                        | Arcelor Mittal  | 17-12-2021  | 22,0000        | C                 | EUR               | 5,8000 | 5,8000 | 5,8000 | 1           | 5,8000 | 5,6700     |      | 6            | 1             | 706 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 17-12-2021  | 22,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,8300     |      | 5            | 0             | 601 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 17-12-2021  | 24,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,8300     |      | 5            | 0             | 689 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 17-12-2021  | 24,0000        | P                 | EUR               | 5,7500 | 5,7500 | 5,7500 | 1           | 5,7500 | 6,0200     |      | 6            | 1             | 119 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 17-12-2021  | 25,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,4500     |      | 4            | 0             | 117 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 17-12-2021  | 25,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,6200     |      | 7            | 0             | 134 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 17-12-2021  | 26,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,1000     |      | 4            | 0             | 185 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 17-12-2021  | 26,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,3000     |      | 7            | 0             | 80 22-10-2018      |
| O                | MT                        | Arcelor Mittal  | 17-12-2021  | 27,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,7900     |      | 4            | 0             | 182 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 17-12-2021  | 27,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,0000     |      | 8            | 0             | 98 22-10-2018      |
| O                | MT                        | Arcelor Mittal  | 17-12-2021  | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4900     |      | 3            | 0             | 120 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 17-12-2021  | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,7300     |      | 9            | 0             | 128 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 17-12-2021  | 30,0000        | C                 | EUR               | 3,0700 | 3,0700 | 3,0700 | 1           | 3,0700 | 2,9700     |      | 3            | 1             | 492 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 17-12-2021  | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,1800    |      | 10           | 0             | 1633 22-10-2018    |
| O                | MT                        | Arcelor Mittal  | 17-12-2021  | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2900     |      | 1            | 0             | 287 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 17-12-2021  | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,6100    |      | 19           | 0             | 262 22-10-2018     |
| O                | MT                        | Arcelor Mittal  | 17-12-2021  | 45,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8800     |      | 1            | 0             | 469 22-10-2018     |
| O                | MT                        | Arc             |             |                |                   |                   |        |        |        |             |        |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name                       | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|---------------------------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | MT                        | Arcelor Mittal                        | 16-12-2022  | 24,000         | P                 | EUR               | 6,8000 | 6,8000 | 6,7500 | 3           | 6,7500 | 6,8200     | 7    | 32           | 321           | 22-10-2018         |
| O                | MT                        | Arcelor Mittal                        | 16-12-2022  | 26,000         | C                 | EUR               | 5,0000 | 5,0000 | 4,8700 | 3           | 4,8700 | 4,8000     | 5    | 11           | 659           | 22-10-2018         |
| O                | MT                        | Arcelor Mittal                        | 16-12-2022  | 26,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,1500     | 8    | 0            | 452           | 22-10-2018         |
| O                | MT                        | Arcelor Mittal                        | 16-12-2022  | 28,000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,1900     | 4    | 154          | 408           | 22-10-2018         |
| O                | MT                        | Arcelor Mittal                        | 16-12-2022  | 28,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,5500     | 10   | 0            | 528           | 22-10-2018         |
| O                | MT                        | Arcelor Mittal                        | 16-12-2022  | 30,000         | C                 | EUR               | 3,9200 | 3,9200 | 3,6500 | 4           | 3,6600 | 3,6600     | 4    | 9            | 385           | 22-10-2018         |
| O                | MT                        | Arcelor Mittal                        | 16-12-2022  | 30,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,0000    | 11   | 0            | 395           | 22-10-2018         |
| O                | MT                        | Arcelor Mittal                        | 16-12-2022  | 40,000         | C                 | EUR               | 1,9100 | 1,9100 | 1,9100 | 1           | 1,9100 | 1,8700     | 2    | 4            | 2184          | 22-10-2018         |
| O                | MT                        | Arcelor Mittal                        | 16-12-2022  | 40,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 19,2600    | 19   | 0            | 1843          | 22-10-2018         |
| O                | MT                        | Arcelor Mittal                        | 16-12-2022  | 50,000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0400     | 1    | 0            | 282           | 22-10-2018         |
| O                | MT                        | Arcelor Mittal                        | 16-12-2022  | 50,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 28,4400    | 28   | 0            | 356           | 22-10-2018         |
| F                | MT6                       | ArcelorMittal - Stock Future          | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 23,5635    | 24   | 0            | 2000          | 22-10-2018         |
| F                | MT6                       | ArcelorMittal - Stock Future          | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 23,5545    | 24   | 0            | 5050          | 22-10-2018         |
| F                | MT6                       | ArcelorMittal - Stock Future          | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 23,5473    | 24   | 0            | 0             | 22-10-2018         |
| F                | MT6                       | ArcelorMittal - Stock Future          | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 23,5393    | 24   | 0            | 0             | 22-10-2018         |
| F                | MT6                       | ArcelorMittal - Stock Future          | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 23,3186    | 23   | 0            | 0             | 22-10-2018         |
| F                | MT6                       | ArcelorMittal - Stock Future          | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 23,2994    | 23   | 0            | 0             | 22-10-2018         |
| F                | MT8                       | ArcelorMittal - Dividend Future       | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0848     | 0    | 0            | 0             | 22-10-2018         |
| F                | MT8                       | ArcelorMittal - Dividend Future       | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2400     | 0    | 0            | 0             | 22-10-2018         |
| F                | MT8                       | ArcelorMittal - Dividend Future       | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2400     | 0    | 0            | 0             | 22-10-2018         |
| F                | MT8                       | ArcelorMittal - Dividend Future       | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2400     | 0    | 0            | 0             | 22-10-2018         |
| F                | MT8                       | ArcelorMittal - Dividend Future       | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2400     | 0    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 16-11-2018  | 21,000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7900     | 3    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 16-11-2018  | 21,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2300     | 0    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 16-11-2018  | 22,000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9800     | 2    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 16-11-2018  | 22,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4200     | 0    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 16-11-2018  | 23,000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3100     | 1    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 16-11-2018  | 23,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7400     | 1    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 16-11-2018  | 23,500         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0200     | 1    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 16-11-2018  | 23,500         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9600     | 1    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 16-11-2018  | 24,000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7800     | 1    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 16-11-2018  | 24,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2200     | 1    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 16-11-2018  | 24,500         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5900     | 1    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 16-11-2018  | 24,500         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5300     | 2    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 16-11-2018  | 25,000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4300     | 0    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 16-11-2018  | 25,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8700     | 2    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 16-11-2018  | 25,500         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3200     | 0    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 16-11-2018  | 25,500         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2500     | 2    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 16-11-2018  | 26,000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2400     | 0    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 16-11-2018  | 26,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6700     | 3    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 16-11-2018  | 26,500         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1700     | 0    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 16-11-2018  | 26,500         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1000     | 3    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 16-11-2018  | 27,000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     | 0    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 16-11-2018  | 27,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5600     | 4    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 16-11-2018  | 27,500         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     | 0    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 16-11-2018  | 27,500         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,0300     | 4    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 16-11-2018  | 28,000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     | 0    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 16-11-2018  | 28,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,5000     | 5    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 16-11-2018  | 28,500         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 16-11-2018  | 28,500         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,9800     | 5    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 16-11-2018  | 29,000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     | 0    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 16-11-2018  | 29,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,4700     | 5    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 16-11-2018  | 30,000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 16-11-2018  | 30,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,4500     | 6    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 16-11-2018  | 32,000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 16-11-2018  | 32,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,4500     | 8    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 21-12-2018  | 16,000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,6100     | 8    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 21-12-2018  | 16,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 21-12-2018  | 18,000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,6900     | 6    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 21-12-2018  | 18,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     | 0    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 21-12-2018  | 20,000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8600     | 4    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 21-12-2018  | 20,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3000     | 0    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 21-12-2018  | 21,000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0400     | 3    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 21-12-2018  | 21,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4800     | 0    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 21-12-2018  | 22,000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3200     | 2    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 21-12-2018  | 22,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7500     | 1    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 21-12-2018  | 23,000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6800     | 2    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 21-12-2018  | 23,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1200     | 1    | 0            | 40            | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 21-12-2018  | 23,500         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4100     | 1    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 21-12-2018  | 23,500         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3500     | 1    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 21-12-2018  | 24,000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1700     | 1    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 21-12-2018  | 24,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6100     | 2    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 21-12-2018  | 24,500         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9600     | 1    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 21-12-2018  | 24,500         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9000     | 2    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 21-12-2018  | 25,000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7800     | 1    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 21-12-2018  | 25,000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2100     | 1    | 0            | 6             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 21-12-2018  | 25,500         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6300     | 1    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 21-12-      |                |                   |                   |        |        |        |             |        |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name                       | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open interest | Open Interest Date |
|------------------|---------------------------|---------------------------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | MT9                       | ArcelorMittal - European Stock Option | 21-12-2018  | 27,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,2000     | 4    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 21-12-2018  | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2000     | 0    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 21-12-2018  | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,6500     | 5    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 21-12-2018  | 29,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     | 0    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 21-12-2018  | 29,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,6000     | 6    | 0            | 5             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 21-12-2018  | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     | 0    | 0            | 9             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 21-12-2018  | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,5200     | 7    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 21-12-2018  | 32,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 30            | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 21-12-2018  | 32,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,4700     | 8    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 21-12-2018  | 35,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 21-12-2018  | 35,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,4600    | 11   | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 21-12-2018  | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 21-12-2018  | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,4700    | 16   | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 21-12-2018  | 45,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 21-12-2018  | 45,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,4600    | 21   | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 18-1-2019   | 21,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1900     | 3    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 18-1-2019   | 21,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6400     | 1    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 18-1-2019   | 22,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4800     | 2    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 18-1-2019   | 22,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9300     | 1    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 18-1-2019   | 23,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8700     | 2    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 18-1-2019   | 23,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3200     | 1    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 18-1-2019   | 23,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6000     | 2    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 18-1-2019   | 23,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5500     | 2    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 18-1-2019   | 24,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3500     | 1    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 18-1-2019   | 24,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8100     | 2    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 18-1-2019   | 24,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1500     | 1    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 18-1-2019   | 24,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1000     | 2    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 18-1-2019   | 25,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9600     | 1    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 18-1-2019   | 25,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4100     | 2    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 18-1-2019   | 26,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6600     | 1    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 18-1-2019   | 26,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1100     | 3    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 18-1-2019   | 27,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4500     | 0    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 18-1-2019   | 27,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9100     | 4    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 15-3-2019   | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,9300     | 6    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 15-3-2019   | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3600     | 0    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 15-3-2019   | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,2600     | 4    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 15-3-2019   | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7200     | 1    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 15-3-2019   | 22,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8600     | 3    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 15-3-2019   | 22,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3200     | 1    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 15-3-2019   | 23,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2900     | 2    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 15-3-2019   | 23,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7400     | 2    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 15-3-2019   | 24,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7900     | 2    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 15-3-2019   | 24,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2500     | 2    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 15-3-2019   | 25,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3900     | 1    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 15-3-2019   | 25,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8500     | 3    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 15-3-2019   | 26,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0600     | 1    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 15-3-2019   | 26,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5300     | 4    | 0            | 10            | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 15-3-2019   | 27,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8000     | 1    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 15-3-2019   | 27,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,2600     | 4    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 15-3-2019   | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5900     | 1    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 15-3-2019   | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,0900     | 5    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 15-3-2019   | 29,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4400     | 0    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 15-3-2019   | 29,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,9100     | 6    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 15-3-2019   | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3300     | 0    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 15-3-2019   | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,7900     | 7    | 0            | 18            | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 15-3-2019   | 32,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1800     | 0    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 15-3-2019   | 32,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,6700     | 9    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 15-3-2019   | 35,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     | 0    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 15-3-2019   | 35,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,5700    | 12   | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 15-3-2019   | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     | 0    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 15-3-2019   | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,5200    | 17   | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 15-3-2019   | 45,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 15-3-2019   | 45,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,5300    | 22   | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 21-6-2019   | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,0400     | 6    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 21-6-2019   | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6800     | 1    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 21-6-2019   | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,5200     | 5    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 21-6-2019   | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1800     | 1    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 21-6-2019   | 22,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2600     | 3    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 21-6-2019   | 22,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9200     | 2    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 21-6-2019   | 23,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7100     | 3    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 21-6-2019   | 23,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3800     | 2    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 21-6-2019   | 24,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2400     | 2    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 21-6-2019   | 24,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9100     | 3    | 0            | 2             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 21-6-2019   | 25,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8400     | 2    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 21-6-2019   | 25,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5100     | 4    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 21-6-2019   | 26,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1000     | 2    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 21-6-2019   | 26,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,1700     | 4    | 0            | 0             | 22                 |



| Instrument Type* | Instrument Trading Symbol | Instrument Name                       | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|---------------------------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | MT9                       | ArcelorMittal - European Stock Option | 21-6-2019   | 35,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2200     | 0    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 21-6-2019   | 35,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,0400    | 12   | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 21-6-2019   | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     | 0    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 21-6-2019   | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,9300    | 17   | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 20-9-2019   | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,2600     | 6    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 20-9-2019   | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9500     | 1    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 20-9-2019   | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,8500     | 5    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 20-9-2019   | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5400     | 2    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 20-9-2019   | 22,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,6300     | 4    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 20-9-2019   | 22,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3300     | 2    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 20-9-2019   | 23,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1100     | 3    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 20-9-2019   | 23,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8100     | 3    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 20-9-2019   | 24,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6500     | 3    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 20-9-2019   | 24,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3500     | 3    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 20-9-2019   | 25,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2600     | 2    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 20-9-2019   | 25,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9600     | 4    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 20-9-2019   | 26,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9000     | 2    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 20-9-2019   | 26,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,6000     | 5    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 20-9-2019   | 27,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6000     | 2    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 20-9-2019   | 27,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,3100     | 5    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 20-9-2019   | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3300     | 1    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 20-9-2019   | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,0500     | 6    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 20-9-2019   | 29,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1100     | 1    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 20-9-2019   | 29,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,8400     | 7    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 20-9-2019   | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9200     | 1    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 20-9-2019   | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,6600     | 8    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 20-9-2019   | 35,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3800     | 0    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 20-9-2019   | 35,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,1200    | 12   | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 20-9-2019   | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1500     | 0    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 20-9-2019   | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,9000    | 17   | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 20-12-2019  | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,1600     | 5    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 20-12-2019  | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8500     | 2    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 20-12-2019  | 22,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,0000     | 4    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 20-12-2019  | 22,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6900     | 3    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 20-12-2019  | 24,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0400     | 3    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 20-12-2019  | 24,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,7400     | 4    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 20-12-2019  | 26,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2700     | 2    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 20-12-2019  | 26,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,9700     | 5    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 20-12-2019  | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6700     | 2    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 20-12-2019  | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,4000     | 6    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 20-12-2019  | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2200     | 1    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 20-12-2019  | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,9600     | 8    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 20-12-2019  | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2700     | 0    | 0            | 0             | 22-10-2018         |
| O                | MT9                       | ArcelorMittal - European Stock Option | 20-12-2019  | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,0500    | 17   | 0            | 0             | 22-10-2018         |
| O                | MT0                       | ARCELORMITTAL OLD                     | 21-12-2018  | 2,3400         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,2300    | 21   | 0            | 0             | 22-10-2018         |
| O                | MT0                       | ARCELORMITTAL OLD                     | 21-12-2018  | 2,3400         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 328          | 0             | 22-10-2018         |
| O                | MT0                       | ARCELORMITTAL OLD                     | 21-12-2018  | 4,6500         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,9200    | 19   | 0            | 0             | 22-10-2018         |
| O                | MT0                       | ARCELORMITTAL OLD                     | 21-12-2018  | 4,6500         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 622          | 0             | 22-10-2018         |
| O                | MT0                       | ARCELORMITTAL OLD                     | 21-12-2018  | 5,8200         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,7500    | 18   | 0            | 10            | 22-10-2018         |
| O                | MT0                       | ARCELORMITTAL OLD                     | 21-12-2018  | 5,8200         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 369          | 0             | 22-10-2018         |
| O                | MT0                       | ARCELORMITTAL OLD                     | 21-12-2018  | 6,9900         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,5800    | 17   | 0            | 15            | 22-10-2018         |
| O                | MT0                       | ARCELORMITTAL OLD                     | 21-12-2018  | 6,9900         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 45578        | 0             | 22-10-2018         |
| O                | MT0                       | ARCELORMITTAL OLD                     | 21-12-2018  | 8,1300         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,4400    | 15   | 0            | 1             | 22-10-2018         |
| O                | MT0                       | ARCELORMITTAL OLD                     | 21-12-2018  | 8,1300         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 11343        | 0             | 22-10-2018         |
| O                | MT0                       | ARCELORMITTAL OLD                     | 21-12-2018  | 9,3000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,2700    | 14   | 0            | 141           | 22-10-2018         |
| O                | MT0                       | ARCELORMITTAL OLD                     | 21-12-2018  | 9,3000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 864          | 0             | 22-10-2018         |
| O                | MT0                       | ARCELORMITTAL OLD                     | 21-12-2018  | 10,4700        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,1000    | 13   | 0            | 30            | 22-10-2018         |
| O                | MT0                       | ARCELORMITTAL OLD                     | 21-12-2018  | 10,4700        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 78           | 0             | 22-10-2018         |
| O                | MT0                       | ARCELORMITTAL OLD                     | 21-12-2018  | 11,6400        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,9300    | 12   | 0            | 69            | 22-10-2018         |
| O                | MT0                       | ARCELORMITTAL OLD                     | 21-12-2018  | 11,6400        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 685          | 0             | 22-10-2018         |
| O                | MT0                       | ARCELORMITTAL OLD                     | 21-12-2018  | 13,9500        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,6300     | 10   | 0            | 150           | 22-10-2018         |
| O                | MT0                       | ARCELORMITTAL OLD                     | 21-12-2018  | 13,9500        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 4976         | 0             | 22-10-2018         |
| O                | MT0                       | ARCELORMITTAL OLD                     | 21-12-2018  | 16,2900        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,3300     | 7    | 0            | 120           | 22-10-2018         |
| O                | MT0                       | ARCELORMITTAL OLD                     | 21-12-2018  | 16,2900        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 1217         | 0             | 22-10-2018         |
| O                | MT0                       | ARCELORMITTAL OLD                     | 21-12-2018  | 18,6000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,1000     | 5    | 0            | 2481          | 22-10-2018         |
| O                | MT0                       | ARCELORMITTAL OLD                     | 21-12-2018  | 18,6000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1600     | 0    | 581          | 0             | 22-10-2018         |
| O                | MT0                       | ARCELORMITTAL OLD                     | 21-12-2018  | 20,9400        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0900     | 3    | 0            | 1225          | 22-10-2018         |
| O                | MT0                       | ARCELORMITTAL OLD                     | 21-12-2018  | 20,9400        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4700     | 0    | 590          | 0             | 22-10-2018         |
| O                | MT0                       | ARCELORMITTAL OLD                     | 21-12-2018  | 23,2500        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5500     | 2    | 0            | 4101          | 22-10-2018         |
| O                | MT0                       | ARCELORMITTAL OLD                     | 21-12-2018  | 23,2500        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2400     | 1    | 0            | 1902          | 22-10-2018         |
| O                | MT0                       | ARCELORMITTAL OLD                     | 21-12-2018  | 34,8900        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 1728         | 0             | 22-10-2018         |
| O                | MT0                       | ARCELORMITTAL OLD                     | 21-12-2018  | 34,8900        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,3700    | 11   | 0            | 507           | 22-10-2018         |
| O                | MT0                       | ARCELORMITTAL OLD                     | 21-12-2018  | 46,5300        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 1867         | 0             | 22-10-2018         |
| O                | MT0                       | ARCELORMITTAL OLD                     | 21-12-2018  | 46,5300        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,9900    | 23   | 0            | 2990          | 22-10-2018         |
| O                | MT0                       | ARCELORMITTAL OLD                     | 20-12-2019  | 2,3400         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,2300    | 21   | 0            | 7             | 22-10-2018         |
| O                | MT0                       | ARCELORMITTAL OLD                     | 20-12-2019  | 2,3400         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 |             |        |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name     | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|---------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | MTO                       | ARCELOMITTAL OLD    | 20-12-2019  | 9,3000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     | 0    | 0            | 6716          | 22-10-2018         |
| O                | MTO                       | ARCELOMITTAL OLD    | 20-12-2019  | 10,4700        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,1300    | 13   | 0            | 46            | 22-10-2018         |
| O                | MTO                       | ARCELOMITTAL OLD    | 20-12-2019  | 10,4700        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     | 0    | 120          | 120           | 22-10-2018         |
| O                | MTO                       | ARCELOMITTAL OLD    | 20-12-2019  | 11,6400        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,0300    | 12   | 0            | 1473          | 22-10-2018         |
| O                | MTO                       | ARCELOMITTAL OLD    | 20-12-2019  | 11,6400        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2000     | 0    | 8717         | 8717          | 22-10-2018         |
| O                | MTO                       | ARCELOMITTAL OLD    | 20-12-2019  | 13,9500        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,9000     | 10   | 0            | 3068          | 22-10-2018         |
| O                | MTO                       | ARCELOMITTAL OLD    | 20-12-2019  | 13,9500        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4100     | 0    | 5944         | 5944          | 22-10-2018         |
| O                | MTO                       | ARCELOMITTAL OLD    | 20-12-2019  | 16,2900        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,9100     | 8    | 0            | 608           | 22-10-2018         |
| O                | MTO                       | ARCELOMITTAL OLD    | 20-12-2019  | 16,2900        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8000     | 1    | 0            | 774           | 22-10-2018         |
| O                | MTO                       | ARCELOMITTAL OLD    | 20-12-2019  | 18,6000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,1400     | 6    | 0            | 7254          | 22-10-2018         |
| O                | MTO                       | ARCELOMITTAL OLD    | 20-12-2019  | 18,6000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3800     | 1    | 0            | 1379          | 22-10-2018         |
| O                | MTO                       | ARCELOMITTAL OLD    | 20-12-2019  | 20,9400        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,6100     | 5    | 0            | 1644          | 22-10-2018         |
| O                | MTO                       | ARCELOMITTAL OLD    | 20-12-2019  | 20,9400        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2300     | 2    | 0            | 879           | 22-10-2018         |
| O                | MTO                       | ARCELOMITTAL OLD    | 20-12-2019  | 23,2500        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3800     | 3    | 0            | 5351          | 22-10-2018         |
| O                | MTO                       | ARCELOMITTAL OLD    | 20-12-2019  | 23,2500        | P                 | EUR               | 3,1800 | 3,1800 | 3,1400 | 3           | 3,1400 | 3,3200     | 3    | 142          | 1733          | 22-10-2018         |
| O                | MTO                       | ARCELOMITTAL OLD    | 20-12-2019  | 34,8900        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5600     | 1    | 0            | 1682          | 22-10-2018         |
| O                | MTO                       | ARCELOMITTAL OLD    | 20-12-2019  | 34,8900        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,1900    | 12   | 0            | 1306          | 22-10-2018         |
| O                | MTO                       | ARCELOMITTAL OLD    | 20-12-2019  | 46,5300        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     | 0    | 0            | 1273          | 22-10-2018         |
| O                | MTO                       | ARCELOMITTAL OLD    | 20-12-2019  | 46,5300        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 23,4500    | 23   | 0            | 919           | 22-10-2018         |
| O                | MTO                       | ARCELOMITTAL OLD    | 18-12-2020  | 2,3400         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,2300    | 21   | 0            | 14            | 22-10-2018         |
| O                | MTO                       | ARCELOMITTAL OLD    | 18-12-2020  | 2,3400         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 198           | 22-10-2018         |
| O                | MTO                       | ARCELOMITTAL OLD    | 18-12-2020  | 4,6500         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,9300    | 19   | 0            | 53            | 22-10-2018         |
| O                | MTO                       | ARCELOMITTAL OLD    | 18-12-2020  | 4,6500         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 1615          | 22-10-2018         |
| O                | MTO                       | ARCELOMITTAL OLD    | 18-12-2020  | 5,8200         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,7500    | 18   | 0            | 2             | 22-10-2018         |
| O                | MTO                       | ARCELOMITTAL OLD    | 18-12-2020  | 5,8200         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 216           | 22-10-2018         |
| O                | MTO                       | ARCELOMITTAL OLD    | 18-12-2020  | 6,9900         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,5800    | 17   | 0            | 196           | 22-10-2018         |
| O                | MTO                       | ARCELOMITTAL OLD    | 18-12-2020  | 6,9900         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     | 0    | 0            | 557           | 22-10-2018         |
| O                | MTO                       | ARCELOMITTAL OLD    | 18-12-2020  | 8,1300         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,4500    | 15   | 0            | 65            | 22-10-2018         |
| O                | MTO                       | ARCELOMITTAL OLD    | 18-12-2020  | 8,1300         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1400     | 0    | 0            | 544           | 22-10-2018         |
| O                | MTO                       | ARCELOMITTAL OLD    | 18-12-2020  | 9,3000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,3000    | 14   | 0            | 515           | 22-10-2018         |
| O                | MTO                       | ARCELOMITTAL OLD    | 18-12-2020  | 9,3000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2100     | 0    | 0            | 363           | 22-10-2018         |
| O                | MTO                       | ARCELOMITTAL OLD    | 18-12-2020  | 10,4700        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,2000    | 13   | 0            | 130           | 22-10-2018         |
| O                | MTO                       | ARCELOMITTAL OLD    | 18-12-2020  | 10,4700        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3200     | 0    | 0            | 105           | 22-10-2018         |
| O                | MTO                       | ARCELOMITTAL OLD    | 18-12-2020  | 11,6400        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,1300    | 12   | 0            | 633           | 22-10-2018         |
| O                | MTO                       | ARCELOMITTAL OLD    | 18-12-2020  | 11,6400        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4800     | 0    | 0            | 206           | 22-10-2018         |
| O                | MTO                       | ARCELOMITTAL OLD    | 18-12-2020  | 13,9500        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,1800    | 10   | 0            | 2093          | 22-10-2018         |
| O                | MTO                       | ARCELOMITTAL OLD    | 18-12-2020  | 13,9500        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9100     | 1    | 0            | 1145          | 22-10-2018         |
| O                | MTO                       | ARCELOMITTAL OLD    | 18-12-2020  | 18,6000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,8600     | 7    | 0            | 755           | 22-10-2018         |
| O                | MTO                       | ARCELOMITTAL OLD    | 18-12-2020  | 18,6000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3200     | 2    | 0            | 33            | 22-10-2018         |
| O                | MTO                       | ARCELOMITTAL OLD    | 18-12-2020  | 23,2500        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,3800     | 4    | 0            | 1055          | 22-10-2018         |
| O                | MTO                       | ARCELOMITTAL OLD    | 18-12-2020  | 23,2500        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,5600     | 5    | 0            | 282           | 22-10-2018         |
| O                | MTX                       | ArceLorMittal - OLD | 21-12-2018  | 2,3400         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,2300    | 21   | 0            | 0             | 22-10-2018         |
| O                | MTX                       | ArceLorMittal - OLD | 21-12-2018  | 2,3400         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 328           | 22-10-2018         |
| O                | MTX                       | ArceLorMittal - OLD | 21-12-2018  | 4,6500         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,9200    | 19   | 0            | 10            | 22-10-2018         |
| O                | MTX                       | ArceLorMittal - OLD | 21-12-2018  | 4,6500         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 625           | 22-10-2018         |
| O                | MTX                       | ArceLorMittal - OLD | 21-12-2018  | 5,8200         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,7500    | 18   | 0            | 0             | 22-10-2018         |
| O                | MTX                       | ArceLorMittal - OLD | 21-12-2018  | 5,8200         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 50375         | 22-10-2018         |
| O                | MTX                       | ArceLorMittal - OLD | 21-12-2018  | 6,9900         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,5800    | 17   | 0            | 68            | 22-10-2018         |
| O                | MTX                       | ArceLorMittal - OLD | 21-12-2018  | 6,9900         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 45770         | 22-10-2018         |
| O                | MTX                       | ArceLorMittal - OLD | 21-12-2018  | 8,1300         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,4400    | 15   | 0            | 1             | 22-10-2018         |
| O                | MTX                       | ArceLorMittal - OLD | 21-12-2018  | 8,1300         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 11447         | 22-10-2018         |
| O                | MTX                       | ArceLorMittal - OLD | 21-12-2018  | 9,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,5700    | 15   | 0            | 25            | 22-10-2018         |
| O                | MTX                       | ArceLorMittal - OLD | 21-12-2018  | 9,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 1             | 22-10-2018         |
| O                | MTX                       | ArceLorMittal - OLD | 21-12-2018  | 9,3000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,2700    | 14   | 0            | 150           | 22-10-2018         |
| O                | MTX                       | ArceLorMittal - OLD | 21-12-2018  | 9,3000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 9925          | 22-10-2018         |
| O                | MTX                       | ArceLorMittal - OLD | 21-12-2018  | 10,4700        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,1000    | 13   | 0            | 0             | 22-10-2018         |
| O                | MTX                       | ArceLorMittal - OLD | 21-12-2018  | 10,4700        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 906           | 22-10-2018         |
| O                | MTX                       | ArceLorMittal - OLD | 21-12-2018  | 10,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,0700    | 13   | 0            | 105           | 22-10-2018         |
| O                | MTX                       | ArceLorMittal - OLD | 21-12-2018  | 10,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 160           | 22-10-2018         |
| O                | MTX                       | ArceLorMittal - OLD | 21-12-2018  | 11,6400        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,9300    | 12   | 0            | 100           | 22-10-2018         |
| O                | MTX                       | ArceLorMittal - OLD | 21-12-2018  | 11,6400        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 248           | 22-10-2018         |
| O                | MTX                       | ArceLorMittal - OLD | 21-12-2018  | 12,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,5700    | 12   | 0            | 10            | 22-10-2018         |
| O                | MTX                       | ArceLorMittal - OLD | 21-12-2018  | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 175           | 22-10-2018         |
| O                | MTX                       | ArceLorMittal - OLD | 21-12-2018  | 13,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,0800    | 10   | 0            | 0             | 22-10-2018         |
| O                | MTX                       | ArceLorMittal - OLD | 21-12-2018  | 13,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 504           | 22-10-2018         |
| O                | MTX                       | ArceLorMittal - OLD | 21-12-2018  | 13,9500        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,6300     | 10   | 0            | 376           | 22-10-2018         |
| O                | MTX                       | ArceLorMittal - OLD | 21-12-2018  | 13,9500        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 4880          | 22-10-2018         |
| O                | MTX                       | ArceLorMittal - OLD | 21-12-2018  | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,6000     | 9    | 0            | 561           | 22-10-2018         |
| O                | MTX                       | ArceLorMittal - OLD | 21-12-2018  | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 385           | 22-10-2018         |
| O                | MTX                       | ArceLorMittal - OLD | 21-12-2018  | 16,2900        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,3300     | 7    | 0            | 485           | 22-10-2018         |
| O                | MTX                       | ArceLorMittal - OLD | 21-12-2018  | 16,2900        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 516           | 22-10-2018         |
| O                | MTX                       | ArceLorMittal - OLD | 21-12-2018  | 16,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,1300     | 7    | 0            | 12            | 22-10-2018         |
| O                | MTX                       | ArceLorMittal - OLD | 21-12-2018  | 16,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 10002         | 22-10-2018         |
| O                | MTX                       | ArceLorMittal - OLD | 21-12-2018  | 18,6000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,1000     | 5    | 0            | 11367         | 22-10-2018         |
| O                | MTX                       | ArceLorMittal - OLD | 21-12-2018  | 18,6000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,16       |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name     | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|---------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | MTX                       | ArcelorMittal - OLD | 21-12-2018  | 34,8900        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 2945          | 22-10-2018         |
| O                | MTX                       | ArcelorMittal - OLD | 21-12-2018  | 34,8900        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,3700    | 11   | 0            | 745           | 22-10-2018         |
| O                | MTX                       | ArcelorMittal - OLD | 21-12-2018  | 46,5300        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 7059          | 22-10-2018         |
| O                | MTX                       | ArcelorMittal - OLD | 21-12-2018  | 46,5300        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,9900    | 23   | 0            | 2543          | 22-10-2018         |
| O                | MTX                       | ArcelorMittal - OLD | 20-12-2019  | 2,3400         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,2300    | 21   | 0            | 0             | 22-10-2018         |
| O                | MTX                       | ArcelorMittal - OLD | 20-12-2019  | 2,3400         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 3876          | 22-10-2018         |
| O                | MTX                       | ArcelorMittal - OLD | 20-12-2019  | 4,6500         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,9200    | 19   | 0            | 51            | 22-10-2018         |
| O                | MTX                       | ArcelorMittal - OLD | 20-12-2019  | 4,6500         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 6956          | 22-10-2018         |
| O                | MTX                       | ArcelorMittal - OLD | 20-12-2019  | 5,8200         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,7500    | 18   | 0            | 0             | 22-10-2018         |
| O                | MTX                       | ArcelorMittal - OLD | 20-12-2019  | 5,8200         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 2             | 22-10-2018         |
| O                | MTX                       | ArcelorMittal - OLD | 20-12-2019  | 6,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,5700    | 18   | 0            | 0             | 22-10-2018         |
| O                | MTX                       | ArcelorMittal - OLD | 20-12-2019  | 6,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 240           | 22-10-2018         |
| O                | MTX                       | ArcelorMittal - OLD | 20-12-2019  | 6,9900         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,5800    | 17   | 0            | 138           | 22-10-2018         |
| O                | MTX                       | ArcelorMittal - OLD | 20-12-2019  | 6,9900         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 21970         | 22-10-2018         |
| O                | MTX                       | ArcelorMittal - OLD | 20-12-2019  | 8,1300         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,4400    | 15   | 0            | 17            | 22-10-2018         |
| O                | MTX                       | ArcelorMittal - OLD | 20-12-2019  | 8,1300         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     | 0    | 0            | 439           | 22-10-2018         |
| O                | MTX                       | ArcelorMittal - OLD | 20-12-2019  | 9,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,5800    | 15   | 0            | 0             | 22-10-2018         |
| O                | MTX                       | ArcelorMittal - OLD | 20-12-2019  | 9,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     | 0    | 0            | 0             | 22-10-2018         |
| O                | MTX                       | ArcelorMittal - OLD | 20-12-2019  | 9,3000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,2800    | 14   | 0            | 765           | 22-10-2018         |
| O                | MTX                       | ArcelorMittal - OLD | 20-12-2019  | 9,3000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     | 0    | 0            | 26784         | 22-10-2018         |
| O                | MTX                       | ArcelorMittal - OLD | 20-12-2019  | 10,4700        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,1300    | 13   | 0            | 79            | 22-10-2018         |
| O                | MTX                       | ArcelorMittal - OLD | 20-12-2019  | 10,4700        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     | 0    | 0            | 135           | 22-10-2018         |
| O                | MTX                       | ArcelorMittal - OLD | 20-12-2019  | 11,6400        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,0300    | 12   | 0            | 1979          | 22-10-2018         |
| O                | MTX                       | ArcelorMittal - OLD | 20-12-2019  | 11,6400        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2000     | 0    | 0            | 9101          | 22-10-2018         |
| O                | MTX                       | ArcelorMittal - OLD | 20-12-2019  | 12,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,6800    | 12   | 0            | 20            | 22-10-2018         |
| O                | MTX                       | ArcelorMittal - OLD | 20-12-2019  | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2300     | 0    | 0            | 100           | 22-10-2018         |
| O                | MTX                       | ArcelorMittal - OLD | 20-12-2019  | 13,9500        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,9000     | 10   | 0            | 2755          | 22-10-2018         |
| O                | MTX                       | ArcelorMittal - OLD | 20-12-2019  | 13,9500        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4100     | 0    | 0            | 6465          | 22-10-2018         |
| O                | MTX                       | ArcelorMittal - OLD | 20-12-2019  | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,9500     | 9    | 0            | 197           | 22-10-2018         |
| O                | MTX                       | ArcelorMittal - OLD | 20-12-2019  | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5700     | 1    | 0            | 43            | 22-10-2018         |
| O                | MTX                       | ArcelorMittal - OLD | 20-12-2019  | 16,2900        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,9100     | 8    | 0            | 853           | 22-10-2018         |
| O                | MTX                       | ArcelorMittal - OLD | 20-12-2019  | 16,2900        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8000     | 1    | 0            | 830           | 22-10-2018         |
| O                | MTX                       | ArcelorMittal - OLD | 20-12-2019  | 16,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,7300     | 8    | 0            | 160           | 22-10-2018         |
| O                | MTX                       | ArcelorMittal - OLD | 20-12-2019  | 16,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8300     | 1    | 0            | 69            | 22-10-2018         |
| O                | MTX                       | ArcelorMittal - OLD | 20-12-2019  | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,5900     | 7    | 0            | 285           | 22-10-2018         |
| O                | MTX                       | ArcelorMittal - OLD | 20-12-2019  | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2100     | 1    | 0            | 438           | 22-10-2018         |
| O                | MTX                       | ArcelorMittal - OLD | 20-12-2019  | 18,6000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,1400     | 6    | 0            | 7782          | 22-10-2018         |
| O                | MTX                       | ArcelorMittal - OLD | 20-12-2019  | 18,6000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3800     | 1    | 0            | 1716          | 22-10-2018         |
| O                | MTX                       | ArcelorMittal - OLD | 20-12-2019  | 20,9400        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,6100     | 5    | 0            | 2386          | 22-10-2018         |
| O                | MTX                       | ArcelorMittal - OLD | 20-12-2019  | 20,9400        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2300     | 2    | 0            | 1316          | 22-10-2018         |
| O                | MTX                       | ArcelorMittal - OLD | 20-12-2019  | 23,2500        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3800     | 3    | 0            | 6047          | 22-10-2018         |
| O                | MTX                       | ArcelorMittal - OLD | 20-12-2019  | 23,2500        | P                 | EUR               | 3,1400 | 3,1400 | 3,1400 | 1           | 3,1400 | 3,3200     | 3    | 47           | 1702          | 22-10-2018         |
| O                | MTX                       | ArcelorMittal - OLD | 20-12-2019  | 27,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9500     | 2    | 0            | 1007          | 22-10-2018         |
| O                | MTX                       | ArcelorMittal - OLD | 20-12-2019  | 27,0000        | P                 | EUR               | 5,4000 | 5,4000 | 5,4000 | 1           | 5,4000 | 5,6500     | 6    | 2            | 225           | 22-10-2018         |
| O                | MTX                       | ArcelorMittal - OLD | 20-12-2019  | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2200     | 1    | 0            | 850           | 22-10-2018         |
| O                | MTX                       | ArcelorMittal - OLD | 20-12-2019  | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,9600     | 8    | 0            | 235           | 22-10-2018         |
| O                | MTX                       | ArcelorMittal - OLD | 20-12-2019  | 34,8900        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5600     | 1    | 0            | 5549          | 22-10-2018         |
| O                | MTX                       | ArcelorMittal - OLD | 20-12-2019  | 34,8900        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,1900    | 12   | 0            | 765           | 22-10-2018         |
| O                | MTX                       | ArcelorMittal - OLD | 20-12-2019  | 46,5300        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     | 0    | 0            | 1960          | 22-10-2018         |
| O                | MTX                       | ArcelorMittal - OLD | 20-12-2019  | 46,5300        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 23,4500    | 23   | 0            | 1252          | 22-10-2018         |
| O                | MTX                       | ArcelorMittal - OLD | 18-12-2020  | 2,3400         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,2300    | 21   | 0            | 17            | 22-10-2018         |
| O                | MTX                       | ArcelorMittal - OLD | 18-12-2020  | 2,3400         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 160           | 22-10-2018         |
| O                | MTX                       | ArcelorMittal - OLD | 18-12-2020  | 4,6500         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,9300    | 19   | 0            | 22            | 22-10-2018         |
| O                | MTX                       | ArcelorMittal - OLD | 18-12-2020  | 4,6500         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 1796          | 22-10-2018         |
| O                | MTX                       | ArcelorMittal - OLD | 18-12-2020  | 5,8200         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,7500    | 18   | 0            | 1             | 22-10-2018         |
| O                | MTX                       | ArcelorMittal - OLD | 18-12-2020  | 5,8200         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 205           | 22-10-2018         |
| O                | MTX                       | ArcelorMittal - OLD | 18-12-2020  | 6,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,5800    | 18   | 0            | 0             | 22-10-2018         |
| O                | MTX                       | ArcelorMittal - OLD | 18-12-2020  | 6,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 39            | 22-10-2018         |
| O                | MTX                       | ArcelorMittal - OLD | 18-12-2020  | 6,9900         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,5800    | 17   | 0            | 88            | 22-10-2018         |
| O                | MTX                       | ArcelorMittal - OLD | 18-12-2020  | 6,9900         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     | 0    | 0            | 693           | 22-10-2018         |
| O                | MTX                       | ArcelorMittal - OLD | 18-12-2020  | 8,1300         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,4500    | 15   | 0            | 77            | 22-10-2018         |
| O                | MTX                       | ArcelorMittal - OLD | 18-12-2020  | 8,1300         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1400     | 0    | 0            | 575           | 22-10-2018         |
| O                | MTX                       | ArcelorMittal - OLD | 18-12-2020  | 9,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,6000    | 15   | 0            | 0             | 22-10-2018         |
| O                | MTX                       | ArcelorMittal - OLD | 18-12-2020  | 9,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1800     | 0    | 0            | 151           | 22-10-2018         |
| O                | MTX                       | ArcelorMittal - OLD | 18-12-2020  | 9,3000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,3000    | 14   | 0            | 567           | 22-10-2018         |
| O                | MTX                       | ArcelorMittal - OLD | 18-12-2020  | 9,3000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2100     | 0    | 0            | 402           | 22-10-2018         |
| O                | MTX                       | ArcelorMittal - OLD | 18-12-2020  | 10,4700        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,2000    | 13   | 0            | 116           | 22-10-2018         |
| O                | MTX                       | ArcelorMittal - OLD | 18-12-2020  | 10,4700        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3200     | 0    | 0            | 64            | 22-10-2018         |
| O                | MTX                       | ArcelorMittal - OLD | 18-12-2020  | 11,6400        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,1300    | 12   | 0            | 1910          | 22-10-2018         |
| O                | MTX                       | ArcelorMittal - OLD | 18-12-2020  | 11,6400        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4800     | 0    | 0            | 950           | 22-10-2018         |
| O                | MTX                       | ArcelorMittal - OLD | 18-12-2020  | 12,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,8000    | 12   | 0            | 25            | 22-10-2018         |
| O                | MTX                       | ArcelorMittal - OLD | 18-12-2020  | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5300     | 1    | 0            | 106           | 22-10-2018         |
| O                | MTX                       | ArcelorMittal - OLD | 18-12-2020  | 13,9500        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,1800    | 10   | 0            | 2167          | 22-10-2018         |
| O                | MTX                       | ArcelorMittal - OLD | 18-12-2020  | 13,9500        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9100     | 1    | 0            | 1429          | 22-10-2018         |
| O                | MTX                       | ArcelorMittal - OLD | 18-12-2020  | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,3300     | 9    | 0            | 1473          | 22-10-2018         |
| O                | MTX                       | ArcelorMittal - OLD | 18-12-2020  | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 |        |             |        |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name                                | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open    | High    | Low     | Trade Count | Close   | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|--|-------------|----------------|-------------------|-------------------|---------|---------|---------|-------------|---------|------------|------|--------------|---------------|--------------------|
| O                | MTX                       | ArcelorMittal - OLD                            | 18-12-2020  | 27,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,9800     |      | 7            | 0             | 232 22-10-2018     |
| O                | MTX                       | ArcelorMittal - OLD                            | 18-12-2020  | 30,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,1800     |      | 2            | 0             | 1691 22-10-2018    |
| O                | MTX                       | ArcelorMittal - OLD                            | 18-12-2020  | 30,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 9,1800     |      | 9            | 0             | 309 22-10-2018     |
| O                | MTX                       | ArcelorMittal - OLD                            | 18-12-2020  | 36,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,1200     |      | 1            | 0             | 1778 22-10-2018    |
| O                | MTX                       | ArcelorMittal - OLD                            | 18-12-2020  | 36,0000        | P                 | EUR               | 14,1500 | 14,1500 | 14,1500 | 1           | 14,1500 | 14,1600    |      | 14           | 5             | 134 22-10-2018     |
| O                | MTX                       | ArcelorMittal - OLD                            | 18-12-2020  | 45,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,4400     |      | 0            | 0             | 498 22-10-2018     |
| O                | MTX                       | ArcelorMittal - OLD                            | 18-12-2020  | 45,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 22,5400    |      | 23           | 0             | 373 22-10-2018     |
| O                | MTX                       | ArcelorMittal - OLD                            | 17-12-2021  | 15,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 9,6800     |      | 10           | 0             | 389 22-10-2018     |
| O                | MTX                       | ArcelorMittal - OLD                            | 17-12-2021  | 15,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,7200     |      | 2            | 0             | 437 22-10-2018     |
| O                | MTX                       | ArcelorMittal - OLD                            | 17-12-2021  | 18,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,7600     |      | 8            | 0             | 338 22-10-2018     |
| O                | MTX                       | ArcelorMittal - OLD                            | 17-12-2021  | 18,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,8300     |      | 3            | 0             | 479 22-10-2018     |
| O                | MTX                       | ArcelorMittal - OLD                            | 17-12-2021  | 21,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,1700     |      | 6            | 0             | 626 22-10-2018     |
| O                | MTX                       | ArcelorMittal - OLD                            | 17-12-2021  | 21,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,2800     |      | 4            | 0             | 325 22-10-2018     |
| O                | MTX                       | ArcelorMittal - OLD                            | 17-12-2021  | 24,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,8300     |      | 5            | 0             | 1385 22-10-2018    |
| O                | MTX                       | ArcelorMittal - OLD                            | 17-12-2021  | 24,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,0200     |      | 6            | 0             | 252 22-10-2018     |
| O                | MTX                       | ArcelorMittal - OLD                            | 17-12-2021  | 27,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,7900     |      | 4            | 0             | 68 22-10-2018      |
| O                | MTX                       | ArcelorMittal - OLD                            | 17-12-2021  | 27,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,0000     |      | 8            | 0             | 137 22-10-2018     |
| O                | MTX                       | ArcelorMittal - OLD                            | 17-12-2021  | 30,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,9700     |      | 3            | 0             | 676 22-10-2018     |
| O                | MTX                       | ArcelorMittal - OLD                            | 17-12-2021  | 30,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,1800    |      | 10           | 0             | 133 22-10-2018     |
| O                | MTX                       | ArcelorMittal - OLD                            | 17-12-2021  | 45,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,8800     |      | 1            | 0             | 1018 22-10-2018    |
| O                | MTX                       | ArcelorMittal - OLD                            | 17-12-2021  | 45,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 23,2200    |      | 23           | 0             | 704 22-10-2018     |
| F                | MU6                       | MTU Aero Engines AG - Stock Future             | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 174,3522   |      | 174          | 0             | 0 22-10-2018       |
| F                | MU6                       | MTU Aero Engines AG - Stock Future             | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 174,2854   |      | 174          | 0             | 0 22-10-2018       |
| F                | MU6                       | MTU Aero Engines AG - Stock Future             | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 174,2319   |      | 174          | 0             | 0 22-10-2018       |
| F                | MU6                       | MTU Aero Engines AG - Stock Future             | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 174,1731   |      | 174          | 0             | 0 22-10-2018       |
| F                | MU6                       | MTU Aero Engines AG - Stock Future             | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 171,4205   |      | 171          | 0             | 0 22-10-2018       |
| F                | MU6                       | MTU Aero Engines AG - Stock Future             | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 171,2795   |      | 171          | 0             | 0 22-10-2018       |
| F                | MV8                       | Banca Mediolanum - Dividend Future             | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3000     |      | 0            | 0             | 0 22-10-2018       |
| F                | MV8                       | Banca Mediolanum - Dividend Future             | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3000     |      | 0            | 0             | 0 22-10-2018       |
| F                | MV8                       | Banca Mediolanum - Dividend Future             | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3000     |      | 0            | 0             | 0 22-10-2018       |
| F                | MV8                       | Banca Mediolanum - Dividend Future             | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3000     |      | 0            | 0             | 0 22-10-2018       |
| F                | MV8                       | Banca Mediolanum - Dividend Future             | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3000     |      | 0            | 0             | 0 22-10-2018       |
| F                | MW8                       | Mediaset Espana Comunicacion - Dividend Future | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,4965     |      | 0            | 0             | 0 22-10-2018       |
| F                | MW8                       | Mediaset Espana Comunicacion - Dividend Future | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,6000     |      | 1            | 0             | 0 22-10-2018       |
| F                | MW8                       | Mediaset Espana Comunicacion - Dividend Future | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,6200     |      | 1            | 0             | 0 22-10-2018       |
| F                | MW8                       | Mediaset Espana Comunicacion - Dividend Future | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,6200     |      | 1            | 0             | 0 22-10-2018       |
| F                | MW8                       | Mediaset Espana Comunicacion - Dividend Future | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,6200     |      | 1            | 0             | 0 22-10-2018       |
| F                | MX6                       | AP Moller - Maersk B - Stock Future            | 16-11-2018  | 0,0000         |                   | DKK               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8205,5525  |      | 8210         | 0             | 0 22-10-2018       |
| F                | MX6                       | AP Moller - Maersk B - Stock Future            | 21-12-2018  | 0,0000         |                   | DKK               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8206,6442  |      | 8207         | 0             | 0 22-10-2018       |
| F                | MX6                       | AP Moller - Maersk B - Stock Future            | 18-1-2019   | 0,0000         |                   | DKK               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8205,1217  |      | 8205         | 0             | 0 22-10-2018       |
| F                | MX6                       | AP Moller - Maersk B - Stock Future            | 15-3-2019   | 0,0000         |                   | DKK               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8201,9006  |      | 8202         | 0             | 0 22-10-2018       |
| F                | MX6                       | AP Moller - Maersk B - Stock Future            | 21-6-2019   | 0,0000         |                   | DKK               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8032,1610  |      | 8032         | 0             | 0 22-10-2018       |
| F                | MX6                       | AP Moller - Maersk B - Stock Future            | 20-9-2019   | 0,0000         |                   | DKK               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8029,7089  |      | 8030         | 0             | 0 22-10-2018       |
| F                | MY8                       | Bolsas y Mercados Espanoles - Dividend Future  | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,7800     |      | 2            | 0             | 0 22-10-2018       |
| F                | MY8                       | Bolsas y Mercados Espanoles - Dividend Future  | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,8000     |      | 2            | 0             | 0 22-10-2018       |
| F                | MY8                       | Bolsas y Mercados Espanoles - Dividend Future  | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,8000     |      | 2            | 0             | 0 22-10-2018       |
| F                | MY8                       | Bolsas y Mercados Espanoles - Dividend Future  | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,8000     |      | 2            | 0             | 0 22-10-2018       |
| F                | MY8                       | Bolsas y Mercados Espanoles - Dividend Future  | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,8000     |      | 2            | 0             | 0 22-10-2018       |
| F                | NA6                       | Novartis - Stock Future                        | 16-11-2018  | 0,0000         |                   | CHF               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 86,5123    |      | 87           | 0             | 0 22-10-2018       |
| F                | NA6                       | Novartis - Stock Future                        | 21-12-2018  | 0,0000         |                   | CHF               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 86,4693    |      | 86           | 0             | 0 22-10-2018       |
| F                | NA6                       | Novartis - Stock Future                        | 18-1-2019   | 0,0000         |                   | CHF               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 86,4300    |      | 86           | 0             | 0 22-10-2018       |
| F                | NA6                       | Novartis - Stock Future                        | 15-3-2019   | 0,0000         |                   | CHF               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 84,2646    |      | 84           | 0             | 0 22-10-2018       |
| F                | NA6                       | Novartis - Stock Future                        | 21-6-2019   | 0,0000         |                   | CHF               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 84,1470    |      | 84           | 0             | 0 22-10-2018       |
| F                | NA6                       | Novartis - Stock Future                        | 20-9-2019   | 0,0000         |                   | CHF               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 84,0356    |      | 84           | 0             | 0 22-10-2018       |
| F                | NA8                       | Novartis - Dividend Future                     | 21-12-2018  | 0,0000         |                   | CHF               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,8000     |      | 3            | 0             | 0 22-10-2018       |
| F                | NA8                       | Novartis - Dividend Future                     | 20-12-2019  | 0,0000         |                   | CHF               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,8000     |      | 3            | 0             | 0 22-10-2018       |
| F                | NA8                       | Novartis - Dividend Future                     | 18-12-2020  | 0,0000         |                   | CHF               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,8300     |      | 3            | 0             | 0 22-10-2018       |
| F                | NA8                       | Novartis - Dividend Future                     | 17-12-2021  | 0,0000         |                   | CHF               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,8800     |      | 3            | 0             | 0 22-10-2018       |
| F                | NA8                       | Novartis - Dividend Future                     | 16-12-2022  | 0,0000         |                   | CHF               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,9300     |      | 3            | 0             | 0 22-10-2018       |
| F                | ND6                       | Nordea Bank Abp - Stock Future                 | 16-11-2018  | 0,0000         |                   | SEK               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 83,2573    |      | 83           | 0             | 0 22-10-2018       |
| F                | ND6                       | Nordea Bank Abp - Stock Future                 | 21-12-2018  | 0,0000         |                   | SEK               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 83,2285    |      | 83           | 0             | 0 22-10-2018       |
| F                | ND6                       | Nordea Bank Abp - Stock Future                 | 18-1-2019   | 0,0000         |                   | SEK               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 83,2081    |      | 83           | 0             | 0 22-10-2018       |
| F                | ND6                       | Nordea Bank Abp - Stock Future                 | 15-3-2019   | 0,0000         |                   | SEK               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 83,1649    |      | 83           | 0             | 0 22-10-2018       |
| F                | ND6                       | Nordea Bank Abp - Stock Future                 | 21-6-2019   | 0,0000         |                   | SEK               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 83,1015    |      | 83           | 0             | 0 22-10-2018       |
| F                | ND6                       | Nordea Bank Abp - Stock Future                 | 20-9-2019   | 0,0000         |                   | SEK               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 83,0654    |      | 83           | 0             | 0 22-10-2018       |
| F                | ND8                       | Nordea Bank Abp - Dividend Future              | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,6800     |      | 1            | 0             | 364 22-10-2018     |
| F                | ND8                       | Nordea Bank Abp - Dividend Future              | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,6650     |      | 1            | 0             | 208 22-10-2018     |
| F                | ND8                       | Nordea Bank Abp - Dividend Future              | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,6400     |      | 1            | 0             | 548 22-10-2018     |
| F                | ND8                       | Nordea Bank Abp - Dividend Future              | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,6250     |      | 1            | 0             | 313 22-10-2018     |
| F                | ND8                       | Nordea Bank Abp - Dividend Future              | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,7000     |      | 1            | 0             | 0 22-10-2018       |
| F                | NG6                       | National Grid - Stock Future                   | 16-11-2018  | 0,0000         |                   | GBX               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 829,6500   |      | 830          | 0             | 0 22-10-2018       |
| F                | NG6                       | National Grid - Stock Future                   | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 830,1600   |      | 830          | 0             | 0 22-10-2018       |
| F                | NG6                       | National Grid - Stock Future                   | 18-1-2019   | 0,0000         |                   | GBX               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 830,6000   |      | 831          | 0             | 0 22-10-2018       |
| F                | NG6                       | National Grid - Stock Future                   | 15-3-2019   | 0,0000         |                   | GBX               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 831,5400   |      | 832          | 0             | 0 22-10-2018       |
| F                | NG6                       | National Grid - Stock Future                   | 21-6-2019   | 0,0000         |                   | GBX               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 833,3600   |      | 833          | 0             | 0 22-10-2018       |
| F                | NG6                       | National Grid - Stock Future                   | 20-9-2019   | 0,0000         |                   | GBX               | 0,0000  | 0,000   |         |             |         |            |      |              |               |                    |



Euronext Amsterdam N.V. – Beursplein 5, Amsterdam – Tel: +31 (0) 20 721 4444



| Instrument Type* | Instrument Trading Symbol | Instrument Name           | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|---------------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| F                | NL8                       | Nestle - Dividend Future  | 17-12-2021  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5000     |      | 3            | 0             | 0 22-10-2018       |
| F                | NL8                       | Nestle - Dividend Future  | 16-12-2022  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5000     |      | 3            | 0             | 0 22-10-2018       |
| O                | NN                        | NN Group NV - Stnd Option | 16-11-2018  | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,6000     |      | 9            | 0             | 0 22-10-2018       |
| O                | NN                        | NN Group NV - Stnd Option | 16-11-2018  | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 0             | 5 22-10-2018       |
| O                | NN                        | NN Group NV - Stnd Option | 16-11-2018  | 32,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,6300     |      | 7            | 0             | 1 22-10-2018       |
| O                | NN                        | NN Group NV - Stnd Option | 16-11-2018  | 32,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     |      | 0            | 0             | 63 22-10-2018      |
| O                | NN                        | NN Group NV - Stnd Option | 16-11-2018  | 34,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,6700     |      | 5            | 0             | 11 22-10-2018      |
| O                | NN                        | NN Group NV - Stnd Option | 16-11-2018  | 34,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     |      | 0            | 0             | 140 22-10-2018     |
| O                | NN                        | NN Group NV - Stnd Option | 16-11-2018  | 35,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,7100     |      | 4            | 0             | 0 22-10-2018       |
| O                | NN                        | NN Group NV - Stnd Option | 16-11-2018  | 35,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     |      | 0            | 0             | 1 22-10-2018       |
| O                | NN                        | NN Group NV - Stnd Option | 16-11-2018  | 36,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7800     |      | 3            | 0             | 2 22-10-2018       |
| O                | NN                        | NN Group NV - Stnd Option | 16-11-2018  | 36,0000        | P                 | EUR               | 0,0000 | 0,1800 | 0,1800 | -           | 2      | 0,1800     |      | 0            | 30            | 100 22-10-2018     |
| O                | NN                        | NN Group NV - Stnd Option | 16-11-2018  | 36,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3400     |      | 2            | 0             | 1 22-10-2018       |
| O                | NN                        | NN Group NV - Stnd Option | 16-11-2018  | 36,5000        | P                 | EUR               | 0,2300 | 0,2600 | 0,2300 | -           | 5      | 0,2600     |      | 0            | 52            | 76 22-10-2018      |
| O                | NN                        | NN Group NV - Stnd Option | 16-11-2018  | 37,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9300     |      | 2            | 0             | 26 22-10-2018      |
| O                | NN                        | NN Group NV - Stnd Option | 16-11-2018  | 37,0000        | P                 | EUR               | 0,3300 | 0,3300 | 0,3300 | -           | 1      | 0,3300     |      | 0            | 25            | 371 22-10-2018     |
| O                | NN                        | NN Group NV - Stnd Option | 16-11-2018  | 37,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5600     |      | 2            | 0             | 0 22-10-2018       |
| O                | NN                        | NN Group NV - Stnd Option | 16-11-2018  | 37,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4800     |      | 0            | 0             | 102 22-10-2018     |
| O                | NN                        | NN Group NV - Stnd Option | 16-11-2018  | 38,0000        | C                 | EUR               | 1,4900 | 1,4900 | 1,3700 | -           | 2      | 1,3700     |      | 1            | 18            | 192 22-10-2018     |
| O                | NN                        | NN Group NV - Stnd Option | 16-11-2018  | 38,0000        | P                 | EUR               | 0,5600 | 0,5800 | 0,5000 | -           | 6      | 0,5300     |      | 1            | 35            | 200 22-10-2018     |
| O                | NN                        | NN Group NV - Stnd Option | 16-11-2018  | 38,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9300     |      | 1            | 0             | 79 22-10-2018      |
| O                | NN                        | NN Group NV - Stnd Option | 16-11-2018  | 38,5000        | P                 | EUR               | 0,7300 | 0,7300 | 0,7200 | -           | 2      | 0,7200     |      | 1            | 2             | 70 22-10-2018      |
| O                | NN                        | NN Group NV - Stnd Option | 16-11-2018  | 39,0000        | C                 | EUR               | 0,8800 | 0,9000 | 0,7000 | -           | 9      | 0,7000     |      | 1            | 35            | 389 22-10-2018     |
| O                | NN                        | NN Group NV - Stnd Option | 16-11-2018  | 39,0000        | P                 | EUR               | 0,9800 | 0,9800 | 0,8500 | -           | 5      | 0,9500     |      | 1            | 22            | 294 22-10-2018     |
| O                | NN                        | NN Group NV - Stnd Option | 16-11-2018  | 39,5000        | C                 | EUR               | 0,6000 | 0,6800 | 0,5400 | -           | 15     | 0,5400     |      | 0            | 202           | 10699 22-10-2018   |
| O                | NN                        | NN Group NV - Stnd Option | 16-11-2018  | 39,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4100     |      | 1            | 0             | 0 22-10-2018       |
| O                | NN                        | NN Group NV - Stnd Option | 16-11-2018  | 40,0000        | C                 | EUR               | 0,4600 | 0,4800 | 0,3600 | -           | 15     | 0,4000     |      | 0            | 87            | 320 22-10-2018     |
| O                | NN                        | NN Group NV - Stnd Option | 16-11-2018  | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7600     |      | 2            | 0             | 26 22-10-2018      |
| O                | NN                        | NN Group NV - Stnd Option | 16-11-2018  | 40,5000        | C                 | EUR               | 0,3400 | 0,3400 | 0,2500 | -           | 6      | 0,2500     |      | 0            | 19            | 197 22-10-2018     |
| O                | NN                        | NN Group NV - Stnd Option | 16-11-2018  | 40,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1600     |      | 2            | 0             | 0 22-10-2018       |
| O                | NN                        | NN Group NV - Stnd Option | 16-11-2018  | 41,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1400     |      | 0            | 0             | 53 22-10-2018      |
| O                | NN                        | NN Group NV - Stnd Option | 16-11-2018  | 41,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5700     |      | 3            | 0             | 0 22-10-2018       |
| O                | NN                        | NN Group NV - Stnd Option | 16-11-2018  | 41,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     |      | 0            | 0             | 12 22-10-2018      |
| O                | NN                        | NN Group NV - Stnd Option | 16-11-2018  | 41,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0200     |      | 3            | 0             | 0 22-10-2018       |
| O                | NN                        | NN Group NV - Stnd Option | 16-11-2018  | 42,0000        | C                 | EUR               | 0,0900 | 0,0900 | 0,0900 | -           | 1      | 0,0900     |      | 0            | 1             | 125 22-10-2018     |
| O                | NN                        | NN Group NV - Stnd Option | 16-11-2018  | 42,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4900     |      | 3            | 0             | 20 22-10-2018      |
| O                | NN                        | NN Group NV - Stnd Option | 16-11-2018  | 43,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 0             | 10 22-10-2018      |
| O                | NN                        | NN Group NV - Stnd Option | 16-11-2018  | 43,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,4500     |      | 4            | 0             | 0 22-10-2018       |
| O                | NN                        | NN Group NV - Stnd Option | 16-11-2018  | 44,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0 22-10-2018       |
| O                | NN                        | NN Group NV - Stnd Option | 16-11-2018  | 44,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,4500     |      | 5            | 0             | 0 22-10-2018       |
| O                | NN                        | NN Group NV - Stnd Option | 16-11-2018  | 46,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0 22-10-2018       |
| O                | NN                        | NN Group NV - Stnd Option | 16-11-2018  | 46,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,4300     |      | 7            | 0             | 0 22-10-2018       |
| O                | NN                        | NN Group NV - Stnd Option | 21-12-2018  | 26,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,5800    |      | 13           | 0             | 4 22-10-2018       |
| O                | NN                        | NN Group NV - Stnd Option | 21-12-2018  | 26,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 69 22-10-2018      |
| O                | NN                        | NN Group NV - Stnd Option | 21-12-2018  | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,6000    |      | 11           | 0             | 0 22-10-2018       |
| O                | NN                        | NN Group NV - Stnd Option | 21-12-2018  | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     |      | 0            | 0             | 214 22-10-2018     |
| O                | NN                        | NN Group NV - Stnd Option | 21-12-2018  | 30,0000        | C                 | EUR               | 8,8000 | 8,8000 | 8,8000 | -           | 1      | 8,8000     |      | 9            | 2             | 48 22-10-2018      |
| O                | NN                        | NN Group NV - Stnd Option | 21-12-2018  | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     |      | 0            | 0             | 710 22-10-2018     |
| O                | NN                        | NN Group NV - Stnd Option | 21-12-2018  | 32,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,6600     |      | 7            | 0             | 2 22-10-2018       |
| O                | NN                        | NN Group NV - Stnd Option | 21-12-2018  | 32,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     |      | 0            | 0             | 336 22-10-2018     |
| O                | NN                        | NN Group NV - Stnd Option | 21-12-2018  | 34,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,7700     |      | 5            | 0             | 697 22-10-2018     |
| O                | NN                        | NN Group NV - Stnd Option | 21-12-2018  | 34,0000        | P                 | EUR               | 0,1700 | 0,2000 | 0,1700 | -           | 5      | 0,2000     |      | 0            | 15            | 2250 22-10-2018    |
| O                | NN                        | NN Group NV - Stnd Option | 21-12-2018  | 35,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8400     |      | 4            | 0             | 0 22-10-2018       |
| O                | NN                        | NN Group NV - Stnd Option | 21-12-2018  | 35,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2900     |      | 0            | 0             | 0 22-10-2018       |
| O                | NN                        | NN Group NV - Stnd Option | 21-12-2018  | 36,0000        | C                 | EUR               | 3,1500 | 3,1700 | 3,1500 | -           | 2      | 3,1700     |      | 3            | 30            | 590 22-10-2018     |
| O                | NN                        | NN Group NV - Stnd Option | 21-12-2018  | 36,0000        | P                 | EUR               | 0,3900 | 0,4400 | 0,3900 | -           | 6      | 0,3900     |      | 0            | 44            | 2562 22-10-2018    |
| O                | NN                        | NN Group NV - Stnd Option | 21-12-2018  | 37,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2200     |      | 2            | 0             | 1 22-10-2018       |
| O                | NN                        | NN Group NV - Stnd Option | 21-12-2018  | 37,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6600     |      | 1            | 0             | 546 22-10-2018     |
| O                | NN                        | NN Group NV - Stnd Option | 21-12-2018  | 37,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8700     |      | 2            | 0             | 0 22-10-2018       |
| O                | NN                        | NN Group NV - Stnd Option | 21-12-2018  | 37,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8100     |      | 1            | 0             | 0 22-10-2018       |
| O                | NN                        | NN Group NV - Stnd Option | 21-12-2018  | 38,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5600     |      | 2            | 0             | 1879 22-10-2018    |
| O                | NN                        | NN Group NV - Stnd Option | 21-12-2018  | 38,0000        | P                 | EUR               | 0,9500 | 0,9500 | 0,9500 | -           | 1      | 0,9500     |      | 1            | 0             | 1255 22-10-2018    |
| O                | NN                        | NN Group NV - Stnd Option | 21-12-2018  | 38,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2700     |      | 1            | 0             | 0 22-10-2018       |
| O                | NN                        | NN Group NV - Stnd Option | 21-12-2018  | 38,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2100     |      | 1            | 0             | 0 22-10-2018       |
| O                | NN                        | NN Group NV - Stnd Option | 21-12-2018  | 39,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0200     |      | 1            | 0             | 163 22-10-2018     |
| O                | NN                        | NN Group NV - Stnd Option | 21-12-2018  | 39,0000        | P                 | EUR               | 1,2100 | 1,2100 | 1,2100 | -           | 1      | 1,2100     |      | 1            | 1             | 21 22-10-2018      |
| O                | NN                        | NN Group NV - Stnd Option | 21-12-2018  | 39,5000        | C                 | EUR               | 0,9000 | 0,9000 | 0,9000 | -           | 3      | 0,9000     |      | 1            | 15            | 15 22-10-2018      |
| O                | NN                        | NN Group NV - Stnd Option | 21-12-2018  | 39,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7500     |      | 2            | 0             | 0 22-10-2018       |
| O                | NN                        | NN Group NV - Stnd Option | 21-12-2018  | 40,0000        | C                 | EUR               | 0,8000 | 0,8000 | 0,6600 | -           | 5      | 0,6600     |      | 1            | 33            | 1805 22-10-2018    |
| O                | NN                        | NN Group NV - Stnd Option | 21-12-2018  | 40,0000        | P                 | EUR               | 1,9300 | 1,9300 | 1,9300 | -           | 1      | 1,9300     |      | 2            | 1             | 709 22-10-2018     |
| O                | NN                        | NN Group NV - Stnd Option | 21-12-2018  | 40,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4700     |      | 0            | 0             | 0 22-10-2018       |
| O                | NN                        | NN Group NV - Stnd Option | 21-12-2018  | 40,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4100     |      | 2            | 0             | 0 22-10-2018       |
| O                | NN                        | NN Group NV - Stnd Option | 21-12-2018  | 41,0000        | C                 | EUR               | 0,4000 | 0,4500 | 0,4000 | -           | 5      | 0,4500     |      | 0            | 40            | 87 22-10-2018      |
| O                | NN                        | NN Group NV - Stnd Option | 21-12-2018  | 41,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7900     |      | 3            | 0             | 0 22-10-2018       |
| O                | NN                        | NN Group NV - Stnd Option | 21-12-2018  | 42,0000        | C                 | EUR               | 0,2900 | 0,2900 | 0,2400 | -           | 3      | 0,2400     |      | 0            | 28            | 1157 22-10-2018    |
| O                | NN                        | NN Group NV - Stnd Option | 21-12-2018  | 42,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,6300     |      | 4            | 0             | 303 22-10-2018     |
| O                | NN                        | NN Group NV - Stnd Option | 21-12-2018  | 44,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     |      | 0            | 0             | 2 22-10-2018       |
| O                | NN                        | NN Group NV - Stnd Option | 21-12-2018  | 44,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5          |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name          | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open    | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|--------------------------|-------------|----------------|-------------------|-------------------|---------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | NN                        | NN Group NV - Std Option | 21-12-2018  | 55,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 16,4600    |      | 16           | 0             | 40 22-10-2018      |
| O                | NN                        | NN Group NV - Std Option | 18-1-2019   | 32,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 6,7100     |      | 7            | 0             | 0 22-10-2018       |
| O                | NN                        | NN Group NV - Std Option | 18-1-2019   | 32,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,1600     |      | 0            | 0             | 0 22-10-2018       |
| O                | NN                        | NN Group NV - Std Option | 18-1-2019   | 34,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 4,8400     |      | 5            | 0             | 0 22-10-2018       |
| O                | NN                        | NN Group NV - Std Option | 18-1-2019   | 34,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,2700     |      | 0            | 0             | 0 22-10-2018       |
| O                | NN                        | NN Group NV - Std Option | 18-1-2019   | 36,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 3,1200     |      | 3            | 0             | 0 22-10-2018       |
| O                | NN                        | NN Group NV - Std Option | 18-1-2019   | 36,0000        | P                 | EUR               | 0,5000  | 0,5000 | 0,5000 | 1           | 0,5000 | 0,5600     |      | 1            | 1             | 1 22-10-2018       |
| O                | NN                        | NN Group NV - Std Option | 18-1-2019   | 38,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,7300     |      | 2            | 0             | 0 22-10-2018       |
| O                | NN                        | NN Group NV - Std Option | 18-1-2019   | 38,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,1700     |      | 1            | 0             | 0 22-10-2018       |
| O                | NN                        | NN Group NV - Std Option | 18-1-2019   | 39,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,1900     |      | 1            | 0             | 0 22-10-2018       |
| O                | NN                        | NN Group NV - Std Option | 18-1-2019   | 39,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,6500     |      | 2            | 0             | 0 22-10-2018       |
| O                | NN                        | NN Group NV - Std Option | 18-1-2019   | 40,0000        | C                 | EUR               | 0,8900  | 0,9500 | 0,8900 | 2           | 0,9500 | 0,7800     |      | 1            | 4             | 4 22-10-2018       |
| O                | NN                        | NN Group NV - Std Option | 18-1-2019   | 40,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,2400     |      | 2            | 0             | 0 22-10-2018       |
| O                | NN                        | NN Group NV - Std Option | 18-1-2019   | 42,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,2900     |      | 0            | 0             | 0 22-10-2018       |
| O                | NN                        | NN Group NV - Std Option | 18-1-2019   | 42,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 3,7500     |      | 4            | 0             | 0 22-10-2018       |
| O                | NN                        | NN Group NV - Std Option | 18-1-2019   | 44,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,1000     |      | 0            | 0             | 0 22-10-2018       |
| O                | NN                        | NN Group NV - Std Option | 18-1-2019   | 44,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 5,5400     |      | 6            | 0             | 0 22-10-2018       |
| O                | NN                        | NN Group NV - Std Option | 18-1-2019   | 46,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     |      | 0            | 0             | 0 22-10-2018       |
| O                | NN                        | NN Group NV - Std Option | 18-1-2019   | 46,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 7,4900     |      | 7            | 0             | 0 22-10-2018       |
| O                | NN                        | NN Group NV - Std Option | 15-3-2019   | 26,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 12,6000    |      | 13           | 0             | 28 22-10-2018      |
| O                | NN                        | NN Group NV - Std Option | 15-3-2019   | 26,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     |      | 0            | 0             | 86 22-10-2018      |
| O                | NN                        | NN Group NV - Std Option | 15-3-2019   | 28,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 10,6500    |      | 11           | 0             | 24 22-10-2018      |
| O                | NN                        | NN Group NV - Std Option | 15-3-2019   | 28,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     |      | 0            | 0             | 80 22-10-2018      |
| O                | NN                        | NN Group NV - Std Option | 15-3-2019   | 30,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 8,7400     |      | 9            | 0             | 14 22-10-2018      |
| O                | NN                        | NN Group NV - Std Option | 15-3-2019   | 30,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,1800     |      | 0            | 0             | 282 22-10-2018     |
| O                | NN                        | NN Group NV - Std Option | 15-3-2019   | 32,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 6,8400     |      | 7            | 0             | 32 22-10-2018      |
| O                | NN                        | NN Group NV - Std Option | 15-3-2019   | 32,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,2900     |      | 0            | 0             | 56 22-10-2018      |
| O                | NN                        | NN Group NV - Std Option | 15-3-2019   | 34,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 5,0500     |      | 5            | 0             | 215 22-10-2018     |
| O                | NN                        | NN Group NV - Std Option | 15-3-2019   | 34,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,4900     |      | 0            | 0             | 333 22-10-2018     |
| O                | NN                        | NN Group NV - Std Option | 15-3-2019   | 36,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 3,4300     |      | 3            | 0             | 810 22-10-2018     |
| O                | NN                        | NN Group NV - Std Option | 15-3-2019   | 36,0000        | P                 | EUR               | 0,9000  | 0,9000 | 0,9000 | 1           | 0,9000 | 0,9100     |      | 1            | 1             | 720 22-10-2018     |
| O                | NN                        | NN Group NV - Std Option | 15-3-2019   | 38,0000        | C                 | EUR               | 2,3400  | 2,3400 | 2,3400 | 1           | 2,3400 | 2,1200     |      | 2            | 3             | 659 22-10-2018     |
| O                | NN                        | NN Group NV - Std Option | 15-3-2019   | 38,0000        | P                 | EUR               | 1,5000  | 1,5000 | 1,5000 | 1           | 1,5000 | 1,6100     |      | 2            | 4             | 497 22-10-2018     |
| O                | NN                        | NN Group NV - Std Option | 15-3-2019   | 40,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,1700     |      | 1            | 0             | 964 22-10-2018     |
| O                | NN                        | NN Group NV - Std Option | 15-3-2019   | 40,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,6500     |      | 3            | 0             | 415 22-10-2018     |
| O                | NN                        | NN Group NV - Std Option | 15-3-2019   | 42,0000        | C                 | EUR               | 0,6900  | 0,6900 | 0,6900 | 2           | 0,6900 | 0,5700     |      | 1            | 2             | 190 22-10-2018     |
| O                | NN                        | NN Group NV - Std Option | 15-3-2019   | 42,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 4,0600     |      | 4            | 0             | 101 22-10-2018     |
| O                | NN                        | NN Group NV - Std Option | 15-3-2019   | 45,0000        | C                 | EUR               | 15,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1800     |      | 0            | 0             | 48 22-10-2018      |
| O                | NN                        | NN Group NV - Std Option | 15-3-2019   | 45,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 6,6600     |      | 7            | 0             | 256 22-10-2018     |
| O                | NN                        | NN Group NV - Std Option | 15-3-2019   | 50,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 0             | 0 22-10-2018       |
| O                | NN                        | NN Group NV - Std Option | 15-3-2019   | 50,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 11,5200    |      | 12           | 0             | 33 22-10-2018      |
| O                | NN                        | NN Group NV - Std Option | 15-3-2019   | 55,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0 22-10-2018       |
| O                | NN                        | NN Group NV - Std Option | 15-3-2019   | 55,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 16,5200    |      | 17           | 0             | 40 22-10-2018      |
| O                | NN                        | NN Group NV - Std Option | 21-6-2019   | 24,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 14,6000    |      | 15           | 0             | 0 22-10-2018       |
| O                | NN                        | NN Group NV - Std Option | 21-6-2019   | 24,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     |      | 0            | 0             | 26 22-10-2018      |
| O                | NN                        | NN Group NV - Std Option | 21-6-2019   | 26,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 12,6500    |      | 13           | 0             | 0 22-10-2018       |
| O                | NN                        | NN Group NV - Std Option | 21-6-2019   | 26,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,1700     |      | 0            | 0             | 36 22-10-2018      |
| O                | NN                        | NN Group NV - Std Option | 21-6-2019   | 28,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 10,7100    |      | 11           | 0             | 1 22-10-2018       |
| O                | NN                        | NN Group NV - Std Option | 21-6-2019   | 28,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,2500     |      | 0            | 0             | 96 22-10-2018      |
| O                | NN                        | NN Group NV - Std Option | 21-6-2019   | 30,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 8,7900     |      | 9            | 0             | 41 22-10-2018      |
| O                | NN                        | NN Group NV - Std Option | 21-6-2019   | 30,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,3900     |      | 0            | 0             | 816 22-10-2018     |
| O                | NN                        | NN Group NV - Std Option | 21-6-2019   | 32,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 6,9400     |      | 7            | 0             | 230 22-10-2018     |
| O                | NN                        | NN Group NV - Std Option | 21-6-2019   | 32,0000        | P                 | EUR               | 0,5800  | 0,5800 | 0,5800 | 1           | 0,5800 | 0,6600     |      | 1            | 2             | 5091 22-10-2018    |
| O                | NN                        | NN Group NV - Std Option | 21-6-2019   | 34,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 5,2300     |      | 5            | 0             | 106 22-10-2018     |
| O                | NN                        | NN Group NV - Std Option | 21-6-2019   | 34,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,0700     |      | 1            | 0             | 1169 22-10-2018    |
| O                | NN                        | NN Group NV - Std Option | 21-6-2019   | 36,0000        | C                 | EUR               | 3,8700  | 3,9000 | 3,8700 | 2           | 3,9000 | 3,7300     |      | 4            | 30            | 291 22-10-2018     |
| O                | NN                        | NN Group NV - Std Option | 21-6-2019   | 36,0000        | P                 | EUR               | 1,5900  | 1,6200 | 1,5900 | 4           | 1,6100 | 1,7000     |      | 2            | 57            | 194 22-10-2018     |
| O                | NN                        | NN Group NV - Std Option | 21-6-2019   | 38,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,4800     |      | 2            | 0             | 490 22-10-2018     |
| O                | NN                        | NN Group NV - Std Option | 21-6-2019   | 38,0000        | P                 | EUR               | 2,3500  | 2,4100 | 2,3500 | 3           | 2,4000 | 2,6200     |      | 3            | 38            | 303 22-10-2018     |
| O                | NN                        | NN Group NV - Std Option | 21-6-2019   | 40,0000        | C                 | EUR               | 1,6100  | 1,6100 | 1,6100 | 1           | 1,6100 | 1,5400     |      | 2            | 1             | 420 22-10-2018     |
| O                | NN                        | NN Group NV - Std Option | 21-6-2019   | 40,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 3,8200     |      | 4            | 0             | 139 22-10-2018     |
| O                | NN                        | NN Group NV - Std Option | 21-6-2019   | 42,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,9000     |      | 1            | 0             | 52 22-10-2018      |
| O                | NN                        | NN Group NV - Std Option | 21-6-2019   | 42,0000        | P                 | EUR               | 5,1500  | 5,1500 | 5,1500 | 1           | 5,1500 | 5,2800     |      | 5            | 10            | 40 22-10-2018      |
| O                | NN                        | NN Group NV - Std Option | 21-6-2019   | 45,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,3500     |      | 0            | 0             | 26 22-10-2018      |
| O                | NN                        | NN Group NV - Std Option | 21-6-2019   | 45,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 7,8500     |      | 8            | 0             | 84 22-10-2018      |
| O                | NN                        | NN Group NV - Std Option | 21-6-2019   | 50,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     |      | 0            | 0             | 50 22-10-2018      |
| O                | NN                        | NN Group NV - Std Option | 21-6-2019   | 50,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 12,6400    |      | 13           | 0             | 7 22-10-2018       |
| O                | NN                        | NN Group NV - Std Option | 21-6-2019   | 55,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0 22-10-2018       |
| O                | NN                        | NN Group NV - Std Option | 21-6-2019   | 55,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 17,5900    |      | 18           | 0             | 40 22-10-2018      |
| O                | NN                        | NN Group NV - Std Option | 20-9-2019   | 28,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 10,6800    |      | 11           | 0             | 11 22-10-2018      |
| O                | NN                        | NN Group NV - Std Option | 20-9-2019   | 28,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,4200     |      | 0            | 0             | 52 22-10-2018      |
| O                | NN                        | NN Group NV - Std Option | 20-9-2019   | 30,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 8,7900     |      | 9            | 0             | 5 22-10-2018       |
| O                | NN                        | NN Group NV - Std Option | 20-9-2019   | 30,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,6500     |      | 1            | 0             | 0 22-10-2018       |
| O                | NN                        | NN Group NV - Std Option | 20-9-2019   | 36,0000        | C                 | EUR               | 4,0400  | 4,0400 | 3,9700 | 2           | 3,9700 | 3,8200     |      | 4            | 46            | 81 22-10-2018      |
| O                | NN                        | NN Group NV - Std Option | 20-9-2019   | 36,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,3200     |      | 2            | 0             | 30 22-10-2018      |
| O                | NN                        | NN Group NV - Std Option | 20-9-2019   | 38,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,6000     |      | 3            | 0             | 60 22-10-2018      |
| O                | NN                        | NN Group NV - Std Option | 20-9-2019   | 38,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 3,3300     |      | 3            | 0             | 5 22-10-2018       |
| O                | NN                        | NN Group NV - Std Option | 20-9-2019   | 40,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,6800     |      | 2            |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name                   | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|-----------------------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | NN                        | NN Group NV - Std Option          | 20-9-2019   | 55,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     | 0    | 0            | 0             | 22-10-2018         |
| O                | NN                        | NN Group NV - Std Option          | 20-9-2019   | 55,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,3000    | 18   | 0            | 20            | 22-10-2018         |
| F                | NN6                       | NN Group - Stock Future           | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 38,5694    | 39   | 0            | 0             | 22-10-2018         |
| F                | NN6                       | NN Group - Stock Future           | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 38,5546    | 39   | 0            | 0             | 22-10-2018         |
| F                | NN6                       | NN Group - Stock Future           | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 38,5428    | 39   | 0            | 0             | 22-10-2018         |
| F                | NN6                       | NN Group - Stock Future           | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 38,5298    | 39   | 0            | 0             | 22-10-2018         |
| F                | NN6                       | NN Group - Stock Future           | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 37,5159    | 38   | 0            | 0             | 22-10-2018         |
| F                | NN6                       | NN Group - Stock Future           | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 36,7852    | 37   | 0            | 0             | 22-10-2018         |
| F                | NN8                       | NN Group - Dividend Future        | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7000     | 2    | 0            | 0             | 22-10-2018         |
| F                | NN8                       | NN Group - Dividend Future        | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7300     | 2    | 0            | 0             | 22-10-2018         |
| F                | NN8                       | NN Group - Dividend Future        | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9500     | 2    | 0            | 0             | 22-10-2018         |
| F                | NN8                       | NN Group - Dividend Future        | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1200     | 2    | 0            | 0             | 22-10-2018         |
| F                | NN8                       | NN Group - Dividend Future        | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2900     | 2    | 0            | 0             | 22-10-2018         |
| F                | NO6                       | Nokia OYJ - Stock Future          | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,8627     | 5    | 0            | 0             | 22-10-2018         |
| F                | NO6                       | Nokia OYJ - Stock Future          | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,8608     | 5    | 0            | 0             | 22-10-2018         |
| F                | NO6                       | Nokia OYJ - Stock Future          | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,8593     | 5    | 0            | 0             | 22-10-2018         |
| F                | NO6                       | Nokia OYJ - Stock Future          | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,8577     | 5    | 0            | 0             | 22-10-2018         |
| F                | NO6                       | Nokia OYJ - Stock Future          | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,6534     | 5    | 0            | 0             | 22-10-2018         |
| F                | NO6                       | Nokia OYJ - Stock Future          | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,6496     | 5    | 0            | 0             | 22-10-2018         |
| F                | NO8                       | Nokia - Dividend                  | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1900     | 0    | 0            | 0             | 22-10-2018         |
| F                | NO8                       | Nokia - Dividend                  | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2000     | 0    | 0            | 0             | 22-10-2018         |
| F                | NO8                       | Nokia - Dividend                  | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2200     | 0    | 0            | 0             | 22-10-2018         |
| F                | NO8                       | Nokia - Dividend                  | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2500     | 0    | 0            | 0             | 22-10-2018         |
| F                | NO8                       | Nokia - Dividend                  | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2500     | 0    | 0            | 0             | 22-10-2018         |
| F                | NR6                       | Nokian Renkaat OYJ - Stock Future | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 31,6613    | 32   | 0            | 0             | 22-10-2018         |
| F                | NR6                       | Nokian Renkaat OYJ - Stock Future | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 31,6492    | 32   | 0            | 0             | 22-10-2018         |
| F                | NR6                       | Nokian Renkaat OYJ - Stock Future | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 31,6395    | 32   | 0            | 0             | 22-10-2018         |
| F                | NR6                       | Nokian Renkaat OYJ - Stock Future | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 31,6288    | 32   | 0            | 0             | 22-10-2018         |
| F                | NR6                       | Nokian Renkaat OYJ - Stock Future | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 30,0018    | 30   | 0            | 0             | 22-10-2018         |
| F                | NR6                       | Nokian Renkaat OYJ - Stock Future | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 29,9771    | 30   | 0            | 0             | 22-10-2018         |
| F                | NS6                       | Neste Oyj - Stock Future          | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 70,1408    | 70   | 0            | 0             | 22-10-2018         |
| F                | NS6                       | Neste Oyj - Stock Future          | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 70,1139    | 70   | 0            | 0             | 22-10-2018         |
| F                | NS6                       | Neste Oyj - Stock Future          | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 70,0924    | 70   | 0            | 0             | 22-10-2018         |
| F                | NS6                       | Neste Oyj - Stock Future          | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 70,0687    | 70   | 0            | 0             | 22-10-2018         |
| F                | NS6                       | Neste Oyj - Stock Future          | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 69,0074    | 69   | 0            | 0             | 22-10-2018         |
| F                | NS6                       | Neste Oyj - Stock Future          | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 68,9506    | 69   | 0            | 0             | 22-10-2018         |
| F                | NS8                       | Neste Oyj - Dividend              | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7000     | 2    | 0            | 0             | 22-10-2018         |
| F                | NS8                       | Neste Oyj - Dividend              | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3000     | 1    | 0            | 0             | 22-10-2018         |
| F                | NS8                       | Neste Oyj - Dividend              | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3200     | 1    | 0            | 0             | 22-10-2018         |
| F                | NS8                       | Neste Oyj - Dividend              | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3200     | 1    | 0            | 0             | 22-10-2018         |
| F                | NS8                       | Neste Oyj - Dividend              | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3200     | 1    | 0            | 0             | 22-10-2018         |
| O                | NSI                       | NSI NV Std Option                 | 16-11-2018  | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,4400     | 6    | 0            | 0             | 22-10-2018         |
| O                | NSI                       | NSI NV Std Option                 | 16-11-2018  | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 0             | 22-10-2018         |
| O                | NSI                       | NSI NV Std Option                 | 16-11-2018  | 29,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,4500     | 5    | 0            | 0             | 22-10-2018         |
| O                | NSI                       | NSI NV Std Option                 | 16-11-2018  | 29,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 0             | 22-10-2018         |
| O                | NSI                       | NSI NV Std Option                 | 16-11-2018  | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,4500     | 4    | 0            | 0             | 22-10-2018         |
| O                | NSI                       | NSI NV Std Option                 | 16-11-2018  | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 0            | 0             | 22-10-2018         |
| O                | NSI                       | NSI NV Std Option                 | 16-11-2018  | 31,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4700     | 3    | 0            | 0             | 22-10-2018         |
| O                | NSI                       | NSI NV Std Option                 | 16-11-2018  | 31,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     | 0    | 0            | 0             | 22-10-2018         |
| O                | NSI                       | NSI NV Std Option                 | 16-11-2018  | 32,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5200     | 3    | 0            | 0             | 22-10-2018         |
| O                | NSI                       | NSI NV Std Option                 | 16-11-2018  | 32,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     | 0    | 11           | 0             | 22-10-2018         |
| O                | NSI                       | NSI NV Std Option                 | 16-11-2018  | 33,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6300     | 2    | 0            | 9             | 22-10-2018         |
| O                | NSI                       | NSI NV Std Option                 | 16-11-2018  | 33,0000        | P                 | EUR               | 0,1700 | 0,1700 | 0,1700 | 1           | 0,1700 | 0,2400     | 0    | 5            | 8             | 22-10-2018         |
| O                | NSI                       | NSI NV Std Option                 | 16-11-2018  | 34,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8600     | 1    | 0            | 12            | 22-10-2018         |
| O                | NSI                       | NSI NV Std Option                 | 16-11-2018  | 34,0000        | P                 | EUR               | 0,4100 | 0,4100 | 0,3000 | 2           | 0,3000 | 0,4700     | 0    | 3            | 12            | 22-10-2018         |
| O                | NSI                       | NSI NV Std Option                 | 16-11-2018  | 35,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3800     | 0    | 0            | 22            | 22-10-2018         |
| O                | NSI                       | NSI NV Std Option                 | 16-11-2018  | 35,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9900     | 1    | 0            | 27            | 22-10-2018         |
| O                | NSI                       | NSI NV Std Option                 | 16-11-2018  | 36,0000        | C                 | EUR               | 0,1800 | 0,1800 | 0,1800 | 1           | 0,1800 | 0,1300     | 0    | 5            | 28            | 22-10-2018         |
| O                | NSI                       | NSI NV Std Option                 | 16-11-2018  | 36,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7400     | 2    | 0            | 1             | 22-10-2018         |
| O                | NSI                       | NSI NV Std Option                 | 16-11-2018  | 37,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 0             | 22-10-2018         |
| O                | NSI                       | NSI NV Std Option                 | 16-11-2018  | 37,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6400     | 3    | 0            | 0             | 22-10-2018         |
| O                | NSI                       | NSI NV Std Option                 | 16-11-2018  | 38,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | NSI                       | NSI NV Std Option                 | 16-11-2018  | 38,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,6200     | 4    | 0            | 20            | 22-10-2018         |
| O                | NSI                       | NSI NV Std Option                 | 16-11-2018  | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | NSI                       | NSI NV Std Option                 | 16-11-2018  | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,6100     | 6    | 0            | 0             | 22-10-2018         |
| O                | NSI                       | NSI NV Std Option                 | 16-11-2018  | 42,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | NSI                       | NSI NV Std Option                 | 16-11-2018  | 42,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,6100     | 8    | 0            | 0             | 22-10-2018         |
| O                | NSI                       | NSI NV Std Option                 | 21-12-2018  | 24,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,4100    | 10   | 0            | 0             | 22-10-2018         |
| O                | NSI                       | NSI NV Std Option                 | 21-12-2018  | 24,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | NSI                       | NSI NV Std Option                 | 21-12-2018  | 26,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,4400     | 8    | 0            | 0             | 22-10-2018         |
| O                | NSI                       | NSI NV Std Option                 | 21-12-2018  | 26,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 0             | 22-10-2018         |
| O                | NSI                       | NSI NV Std Option                 | 21-12-2018  | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,4800     | 6    | 0            | 0             | 22-10-2018         |
| O                | NSI                       | NSI NV Std Option                 | 21-12-2018  | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     | 0    | 0            | 0             | 22-10-2018         |
| O                | NSI                       | NSI NV Std Option                 | 21-12-2018  | 29,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,5200     | 6    | 0            | 0             | 22-10-2018         |
| O                | NSI                       | NSI NV Std Option                 | 21-12-2018  | 29,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     | 0    | 0            | 0             | 22-10-2018         |
| O                | NSI                       | NSI NV Std Option                 | 21-12-2018  | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,5600     | 5    | 0            | 20            | 22-10-2018         |
| O                | NSI                       | NSI NV Std Option                 | 21-12-2018  | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1700     | 0    | 0            | 24            | 22-10-2018         |
| O                | NSI                       | NSI NV Std Option                 |             |                |                   |                   |        |        |        |             |        |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name                         | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|---|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | NSI                       | NSI NV Stnd Option                      | 21-12-2018  | 36,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3300     | 0    | 0            | 316           | 22-10-2018         |
| O                | NSI                       | NSI NV Stnd Option                      | 21-12-2018  | 36,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9600     | 2    | 0            | 183           | 22-10-2018         |
| O                | NSI                       | NSI NV Stnd Option                      | 21-12-2018  | 37,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1400     | 0    | 0            | 0             | 22-10-2018         |
| O                | NSI                       | NSI NV Stnd Option                      | 21-12-2018  | 37,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7600     | 3    | 0            | 0             | 22-10-2018         |
| O                | NSI                       | NSI NV Stnd Option                      | 21-12-2018  | 38,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 15           | 0             | 22-10-2018         |
| O                | NSI                       | NSI NV Stnd Option                      | 21-12-2018  | 38,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,6800     | 4    | 0            | 1             | 22-10-2018         |
| O                | NSI                       | NSI NV Stnd Option                      | 21-12-2018  | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 25           | 0             | 22-10-2018         |
| O                | NSI                       | NSI NV Stnd Option                      | 21-12-2018  | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,6300     | 6    | 0            | 0             | 22-10-2018         |
| O                | NSI                       | NSI NV Stnd Option                      | 21-12-2018  | 42,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | NSI                       | NSI NV Stnd Option                      | 21-12-2018  | 42,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,6300     | 8    | 0            | 0             | 22-10-2018         |
| O                | NSI                       | NSI NV Stnd Option                      | 21-12-2018  | 45,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | NSI                       | NSI NV Stnd Option                      | 21-12-2018  | 45,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,6300    | 11   | 0            | 0             | 22-10-2018         |
| O                | NSI                       | NSI NV Stnd Option                      | 21-12-2018  | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | NSI                       | NSI NV Stnd Option                      | 21-12-2018  | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,6300    | 16   | 13           | 0             | 22-10-2018         |
| O                | NSI                       | NSI NV Stnd Option                      | 18-1-2019   | 29,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,5400     | 6    | 0            | 0             | 22-10-2018         |
| O                | NSI                       | NSI NV Stnd Option                      | 18-1-2019   | 29,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1600     | 0    | 0            | 0             | 22-10-2018         |
| O                | NSI                       | NSI NV Stnd Option                      | 18-1-2019   | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,6000     | 5    | 0            | 0             | 22-10-2018         |
| O                | NSI                       | NSI NV Stnd Option                      | 18-1-2019   | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2200     | 0    | 0            | 0             | 22-10-2018         |
| O                | NSI                       | NSI NV Stnd Option                      | 18-1-2019   | 32,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8100     | 3    | 0            | 0             | 22-10-2018         |
| O                | NSI                       | NSI NV Stnd Option                      | 18-1-2019   | 32,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4400     | 0    | 0            | 0             | 22-10-2018         |
| O                | NSI                       | NSI NV Stnd Option                      | 18-1-2019   | 34,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3300     | 1    | 0            | 0             | 22-10-2018         |
| O                | NSI                       | NSI NV Stnd Option                      | 18-1-2019   | 34,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9600     | 1    | 0            | 0             | 22-10-2018         |
| O                | NSI                       | NSI NV Stnd Option                      | 18-1-2019   | 35,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8100     | 1    | 0            | 0             | 22-10-2018         |
| O                | NSI                       | NSI NV Stnd Option                      | 18-1-2019   | 35,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4400     | 1    | 0            | 0             | 22-10-2018         |
| O                | NSI                       | NSI NV Stnd Option                      | 18-1-2019   | 36,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4500     | 0    | 0            | 0             | 22-10-2018         |
| O                | NSI                       | NSI NV Stnd Option                      | 18-1-2019   | 36,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0900     | 2    | 0            | 0             | 22-10-2018         |
| O                | NSI                       | NSI NV Stnd Option                      | 18-1-2019   | 38,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1000     | 0    | 0            | 0             | 22-10-2018         |
| O                | NSI                       | NSI NV Stnd Option                      | 18-1-2019   | 38,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,7400     | 4    | 0            | 0             | 22-10-2018         |
| O                | NSI                       | NSI NV Stnd Option                      | 18-1-2019   | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 0             | 22-10-2018         |
| O                | NSI                       | NSI NV Stnd Option                      | 18-1-2019   | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,6500     | 6    | 0            | 0             | 22-10-2018         |
| O                | NSI                       | NSI NV Stnd Option                      | 18-1-2019   | 42,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | NSI                       | NSI NV Stnd Option                      | 18-1-2019   | 42,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,6400     | 8    | 0            | 0             | 22-10-2018         |
| O                | NSI                       | NSI NV Stnd Option                      | 15-3-2019   | 26,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,5000     | 9    | 0            | 0             | 22-10-2018         |
| O                | NSI                       | NSI NV Stnd Option                      | 15-3-2019   | 26,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     | 0    | 0            | 0             | 22-10-2018         |
| O                | NSI                       | NSI NV Stnd Option                      | 15-3-2019   | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,6100     | 7    | 0            | 0             | 22-10-2018         |
| O                | NSI                       | NSI NV Stnd Option                      | 15-3-2019   | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2300     | 0    | 0            | 0             | 22-10-2018         |
| O                | NSI                       | NSI NV Stnd Option                      | 15-3-2019   | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,7600     | 5    | 0            | 0             | 22-10-2018         |
| O                | NSI                       | NSI NV Stnd Option                      | 15-3-2019   | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3900     | 0    | 2            | 0             | 22-10-2018         |
| O                | NSI                       | NSI NV Stnd Option                      | 15-3-2019   | 32,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0700     | 3    | 0            | 0             | 22-10-2018         |
| O                | NSI                       | NSI NV Stnd Option                      | 15-3-2019   | 32,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7000     | 1    | 0            | 2             | 22-10-2018         |
| O                | NSI                       | NSI NV Stnd Option                      | 15-3-2019   | 34,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6700     | 2    | 0            | 5             | 22-10-2018         |
| O                | NSI                       | NSI NV Stnd Option                      | 15-3-2019   | 34,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3100     | 1    | 0            | 12            | 22-10-2018         |
| O                | NSI                       | NSI NV Stnd Option                      | 15-3-2019   | 36,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7500     | 1    | 0            | 15            | 22-10-2018         |
| O                | NSI                       | NSI NV Stnd Option                      | 15-3-2019   | 36,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4000     | 2    | 0            | 7             | 22-10-2018         |
| O                | NSI                       | NSI NV Stnd Option                      | 15-3-2019   | 38,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2700     | 0    | 11           | 0             | 22-10-2018         |
| O                | NSI                       | NSI NV Stnd Option                      | 15-3-2019   | 38,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9200     | 4    | 0            | 0             | 22-10-2018         |
| O                | NSI                       | NSI NV Stnd Option                      | 15-3-2019   | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     | 0    | 0            | 0             | 22-10-2018         |
| O                | NSI                       | NSI NV Stnd Option                      | 15-3-2019   | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,7300     | 6    | 0            | 0             | 22-10-2018         |
| O                | NSI                       | NSI NV Stnd Option                      | 15-3-2019   | 45,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | NSI                       | NSI NV Stnd Option                      | 15-3-2019   | 45,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,6600    | 11   | 0            | 0             | 22-10-2018         |
| O                | NSI                       | NSI NV Stnd Option                      | 15-3-2019   | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | NSI                       | NSI NV Stnd Option                      | 15-3-2019   | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,6700    | 16   | 0            | 0             | 22-10-2018         |
| F                | NT6                       | Infinion Technologies AG - Stock Future | 16-11-2018  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,8501    | 18   | 0            | 0             | 22-10-2018         |
| F                | NT6                       | Infinion Technologies AG - Stock Future | 21-12-2018  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,8433    | 18   | 0            | 0             | 22-10-2018         |
| F                | NT6                       | Infinion Technologies AG - Stock Future | 18-1-2019   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,8378    | 18   | 0            | 0             | 22-10-2018         |
| F                | NT6                       | Infinion Technologies AG - Stock Future | 15-3-2019   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,5618    | 18   | 0            | 0             | 22-10-2018         |
| F                | NT6                       | Infinion Technologies AG - Stock Future | 21-6-2019   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,5463    | 18   | 0            | 0             | 22-10-2018         |
| F                | NT6                       | Infinion Technologies AG - Stock Future | 20-9-2019   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,5318    | 18   | 0            | 0             | 22-10-2018         |
| F                | NV6                       | Novozymes B - Stock Future              | 16-11-2018  | 0,0000         | DKK               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 334,6002   | 335  | 0            | 0             | 22-10-2018         |
| F                | NV6                       | Novozymes B - Stock Future              | 21-12-2018  | 0,0000         | DKK               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 334,4817   | 334  | 0            | 0             | 22-10-2018         |
| F                | NV6                       | Novozymes B - Stock Future              | 18-1-2019   | 0,0000         | DKK               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 334,4197   | 334  | 0            | 0             | 22-10-2018         |
| F                | NV6                       | Novozymes B - Stock Future              | 15-3-2019   | 0,0000         | DKK               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 329,2990   | 329  | 0            | 0             | 22-10-2018         |
| F                | NV6                       | Novozymes B - Stock Future              | 21-6-2019   | 0,0000         | DKK               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 329,0934   | 329  | 0            | 0             | 22-10-2018         |
| F                | NV6                       | Novozymes B - Stock Future              | 20-9-2019   | 0,0000         | DKK               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 328,9924   | 329  | 0            | 0             | 22-10-2018         |
| F                | OC6                       | OCI NV - Stock Future                   | 16-11-2018  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 26,1028    | 26   | 0            | 0             | 22-10-2018         |
| F                | OC6                       | OCI NV - Stock Future                   | 21-12-2018  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 25,9929    | 26   | 0            | 0             | 22-10-2018         |
| F                | OC6                       | OCI NV - Stock Future                   | 18-1-2019   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 25,9849    | 26   | 0            | 0             | 22-10-2018         |
| F                | OC6                       | OCI NV - Stock Future                   | 15-3-2019   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 25,9761    | 26   | 0            | 0             | 22-10-2018         |
| F                | OC6                       | OCI NV - Stock Future                   | 21-6-2019   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 25,9531    | 26   | 0            | 0             | 22-10-2018         |
| F                | OC6                       | OCI NV - Stock Future                   | 20-9-2019   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 25,9318    | 26   | 0            | 0             | 22-10-2018         |
| O                | OCI                       | OCI NV STND OPT                         | 16-11-2018  | 22,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,3100     | 4    | 0            | 0             | 22-10-2018         |
| O                | OCI                       | OCI NV STND OPT                         | 16-11-2018  | 22,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2000     | 0    | 10           | 0             | 22-10-2018         |
| O                | OCI                       | OCI NV STND OPT                         | 16-11-2018  | 23,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3800     | 3    | 0            | 0             | 22-10-2018         |
| O                | OCI                       | OCI NV STND OPT                         | 16-11-2018  | 23,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2800     | 0    | 0            | 0             | 22-10-2018         |
| O                | OCI                       | OCI NV STND OPT                         | 16-11-2018  | 24,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5000     | 3    | 0            | 0             | 22-10-2018         |
| O                | OCI                       | OCI NV STND OPT                         | 16-11-2018  | 24,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3900     | 0    | 6            | 0             | 22-10-2            |



| Instrument Type* | Instrument Trading Symbol | Instrument Name | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|-----------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | OCI                       | OCI NV STND OPT | 16-11-2018  | 27,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5000     |      | 2            | 0             | 1 22-10-2018       |
| O                | OCI                       | OCI NV STND OPT | 16-11-2018  | 27,5000        | C                 | EUR               | 0,6000 | 0,6000 | 0,6000 | 1           | 0,6000 | 0,4200     |      | 0            | 2             | 44 22-10-2018      |
| O                | OCI                       | OCI NV STND OPT | 16-11-2018  | 27,5000        | P                 | EUR               | 1,8200 | 1,8200 | 1,8200 | 1           | 1,8200 | 1,8100     |      | 2            | 4             | 36 22-10-2018      |
| O                | OCI                       | OCI NV STND OPT | 16-11-2018  | 28,0000        | C                 | EUR               | 0,5500 | 0,5500 | 0,5000 | 4           | 0,5000 | 0,3200     |      | 0            | 37            | 67 22-10-2018      |
| O                | OCI                       | OCI NV STND OPT | 16-11-2018  | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2200     |      | 2            | 0             | 78 22-10-2018      |
| O                | OCI                       | OCI NV STND OPT | 16-11-2018  | 28,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2300     |      | 0            | 0             | 25 22-10-2018      |
| O                | OCI                       | OCI NV STND OPT | 16-11-2018  | 28,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6300     |      | 3            | 0             | 19 22-10-2018      |
| O                | OCI                       | OCI NV STND OPT | 16-11-2018  | 29,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1700     |      | 0            | 0             | 26 22-10-2018      |
| O                | OCI                       | OCI NV STND OPT | 16-11-2018  | 29,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0700     |      | 3            | 0             | 1 22-10-2018       |
| O                | OCI                       | OCI NV STND OPT | 16-11-2018  | 29,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1400     |      | 0            | 0             | 23 22-10-2018      |
| O                | OCI                       | OCI NV STND OPT | 16-11-2018  | 29,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5300     |      | 4            | 0             | 0 22-10-2018       |
| O                | OCI                       | OCI NV STND OPT | 16-11-2018  | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     |      | 0            | 0             | 66 22-10-2018      |
| O                | OCI                       | OCI NV STND OPT | 16-11-2018  | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,0100     |      | 4            | 0             | 4 22-10-2018       |
| O                | OCI                       | OCI NV STND OPT | 16-11-2018  | 31,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     |      | 0            | 0             | 0 22-10-2018       |
| O                | OCI                       | OCI NV STND OPT | 16-11-2018  | 31,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,9700     |      | 5            | 0             | 1 22-10-2018       |
| O                | OCI                       | OCI NV STND OPT | 16-11-2018  | 32,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     |      | 0            | 0             | 0 22-10-2018       |
| O                | OCI                       | OCI NV STND OPT | 16-11-2018  | 32,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,9500     |      | 6            | 0             | 2 22-10-2018       |
| O                | OCI                       | OCI NV STND OPT | 16-11-2018  | 34,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 0             | 0 22-10-2018       |
| O                | OCI                       | OCI NV STND OPT | 16-11-2018  | 34,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,9200     |      | 8            | 0             | 0 22-10-2018       |
| O                | OCI                       | OCI NV STND OPT | 16-11-2018  | 36,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0 22-10-2018       |
| O                | OCI                       | OCI NV STND OPT | 16-11-2018  | 36,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,9100     |      | 10           | 0             | 0 22-10-2018       |
| O                | OCI                       | OCI NV STND OPT | 21-12-2018  | 12,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,1100    |      | 14           | 0             | 0 22-10-2018       |
| O                | OCI                       | OCI NV STND OPT | 21-12-2018  | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 1 22-10-2018       |
| O                | OCI                       | OCI NV STND OPT | 21-12-2018  | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,1300    |      | 12           | 0             | 128 22-10-2018     |
| O                | OCI                       | OCI NV STND OPT | 21-12-2018  | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     |      | 0            | 0             | 8 22-10-2018       |
| O                | OCI                       | OCI NV STND OPT | 21-12-2018  | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,1600    |      | 10           | 0             | 1 22-10-2018       |
| O                | OCI                       | OCI NV STND OPT | 21-12-2018  | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     |      | 0            | 0             | 41 22-10-2018      |
| O                | OCI                       | OCI NV STND OPT | 21-12-2018  | 17,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,2400     |      | 9            | 0             | 11 22-10-2018      |
| O                | OCI                       | OCI NV STND OPT | 21-12-2018  | 17,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1800     |      | 0            | 0             | 4 22-10-2018       |
| O                | OCI                       | OCI NV STND OPT | 21-12-2018  | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,2600     |      | 8            | 0             | 33 22-10-2018      |
| O                | OCI                       | OCI NV STND OPT | 21-12-2018  | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2000     |      | 0            | 0             | 79 22-10-2018      |
| O                | OCI                       | OCI NV STND OPT | 21-12-2018  | 19,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,2900     |      | 7            | 0             | 35 22-10-2018      |
| O                | OCI                       | OCI NV STND OPT | 21-12-2018  | 19,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2300     |      | 0            | 0             | 45 22-10-2018      |
| O                | OCI                       | OCI NV STND OPT | 21-12-2018  | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,2900     |      | 6            | 0             | 70 22-10-2018      |
| O                | OCI                       | OCI NV STND OPT | 21-12-2018  | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2400     |      | 0            | 0             | 108 22-10-2018     |
| O                | OCI                       | OCI NV STND OPT | 21-12-2018  | 21,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,3300     |      | 5            | 0             | 23 22-10-2018      |
| O                | OCI                       | OCI NV STND OPT | 21-12-2018  | 21,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2800     |      | 0            | 0             | 398 22-10-2018     |
| O                | OCI                       | OCI NV STND OPT | 21-12-2018  | 22,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,3900     |      | 4            | 0             | 83 22-10-2018      |
| O                | OCI                       | OCI NV STND OPT | 21-12-2018  | 22,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3500     |      | 0            | 0             | 71 22-10-2018      |
| O                | OCI                       | OCI NV STND OPT | 21-12-2018  | 23,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5000     |      | 4            | 0             | 153 22-10-2018     |
| O                | OCI                       | OCI NV STND OPT | 21-12-2018  | 23,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4700     |      | 0            | 0             | 309 22-10-2018     |
| O                | OCI                       | OCI NV STND OPT | 21-12-2018  | 24,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7000     |      | 3            | 0             | 223 22-10-2018     |
| O                | OCI                       | OCI NV STND OPT | 21-12-2018  | 24,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6800     |      | 1            | 0             | 209 22-10-2018     |
| O                | OCI                       | OCI NV STND OPT | 21-12-2018  | 25,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9800     |      | 2            | 0             | 187 22-10-2018     |
| O                | OCI                       | OCI NV STND OPT | 21-12-2018  | 25,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9700     |      | 1            | 0             | 108 22-10-2018     |
| O                | OCI                       | OCI NV STND OPT | 21-12-2018  | 26,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3800     |      | 1            | 0             | 42 22-10-2018      |
| O                | OCI                       | OCI NV STND OPT | 21-12-2018  | 26,0000        | P                 | EUR               | 1,0500 | 1,3000 | 1,0500 | 5           | 1,3000 | 1,3700     |      | 1            | 7             | 82 22-10-2018      |
| O                | OCI                       | OCI NV STND OPT | 21-12-2018  | 26,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1400     |      | 1            | 0             | 0 22-10-2018       |
| O                | OCI                       | OCI NV STND OPT | 21-12-2018  | 26,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6400     |      | 2            | 0             | 2 22-10-2018       |
| O                | OCI                       | OCI NV STND OPT | 21-12-2018  | 27,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9000     |      | 1            | 0             | 13 22-10-2018      |
| O                | OCI                       | OCI NV STND OPT | 21-12-2018  | 27,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9000     |      | 2            | 0             | 29 22-10-2018      |
| O                | OCI                       | OCI NV STND OPT | 21-12-2018  | 27,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7800     |      | 1            | 0             | 0 22-10-2018       |
| O                | OCI                       | OCI NV STND OPT | 21-12-2018  | 27,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2800     |      | 2            | 0             | 0 22-10-2018       |
| O                | OCI                       | OCI NV STND OPT | 21-12-2018  | 28,0000        | C                 | EUR               | 0,6500 | 0,6500 | 0,6500 | 1           | 0,6500 | 0,5600     |      | 1            | 5             | 216 22-10-2018     |
| O                | OCI                       | OCI NV STND OPT | 21-12-2018  | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5600     |      | 3            | 0             | 577 22-10-2018     |
| O                | OCI                       | OCI NV STND OPT | 21-12-2018  | 28,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4500     |      | 0            | 0             | 21 22-10-2018      |
| O                | OCI                       | OCI NV STND OPT | 21-12-2018  | 28,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9600     |      | 3            | 0             | 8 22-10-2018       |
| O                | OCI                       | OCI NV STND OPT | 21-12-2018  | 29,0000        | C                 | EUR               | 0,4500 | 0,5000 | 0,4000 | 3           | 0,4000 | 0,4100     |      | 0            | 4             | 81 22-10-2018      |
| O                | OCI                       | OCI NV STND OPT | 21-12-2018  | 29,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4200     |      | 3            | 0             | 13 22-10-2018      |
| O                | OCI                       | OCI NV STND OPT | 21-12-2018  | 29,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3000     |      | 0            | 0             | 10 22-10-2018      |
| O                | OCI                       | OCI NV STND OPT | 21-12-2018  | 29,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8100     |      | 4            | 0             | 2 22-10-2018       |
| O                | OCI                       | OCI NV STND OPT | 21-12-2018  | 30,0000        | C                 | EUR               | 0,2500 | 0,2500 | 0,2500 | 1           | 0,2500 | 0,2900     |      | 0            | 2             | 93 22-10-2018      |
| O                | OCI                       | OCI NV STND OPT | 21-12-2018  | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,3000     |      | 4            | 0             | 20 22-10-2018      |
| O                | OCI                       | OCI NV STND OPT | 21-12-2018  | 32,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     |      | 0            | 0             | 271 22-10-2018     |
| O                | OCI                       | OCI NV STND OPT | 21-12-2018  | 32,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,1300     |      | 6            | 0             | 1 22-10-2018       |
| O                | OCI                       | OCI NV STND OPT | 21-12-2018  | 34,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     |      | 0            | 0             | 0 22-10-2018       |
| O                | OCI                       | OCI NV STND OPT | 21-12-2018  | 34,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,0700     |      | 8            | 0             | 0 22-10-2018       |
| O                | OCI                       | OCI NV STND OPT | 21-12-2018  | 35,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     |      | 0            | 0             | 5 22-10-2018       |
| O                | OCI                       | OCI NV STND OPT | 21-12-2018  | 35,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,0500     |      | 9            | 0             | 26 22-10-2018      |
| O                | OCI                       | OCI NV STND OPT | 21-12-2018  | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0 22-10-2018       |
| O                | OCI                       | OCI NV STND OPT | 21-12-2018  | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,0200    |      | 14           | 0             | 0 22-10-2018       |
| O                | OCI                       | OCI NV STND OPT | 21-12-2018  | 45,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0 22-10-2018       |
| O                | OCI                       | OCI NV STND OPT | 21-12-2018  | 45,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 19,0200    |      | 19           | 0             | 0 22-10-2018       |
| O                | OCI                       | OCI NV STND OPT | 18-1-2019   | 24,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7800     |      | 3            | 0             | 0 22-10-2018       |
| O                | OCI                       | OCI NV STND OPT | 18-1-2019   | 24,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7800     |      | 1            | 0             | 0 22-10-2018       |
| O                | OCI                       | OCI NV STND OPT | 18-1-2019   | 25,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0400     |      | 2            | 0             | 0 22-10-2018       |
| O                | OCI                       | OCI NV STND OPT | 18-1-2019   | 25,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0400     |      | 1            | 0             | 0 22-10-2018       |
| O                | OCI                       | OCI NV STND OPT |             |                |                   |                   |        |        |        |             |        |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name                       | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|---------------------------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | OCI                       | OCI NV STND OPT                       | 18-1-2019   | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7100     | 1    | 0            | 0             | 22-10-2018         |
| O                | OCI                       | OCI NV STND OPT                       | 18-1-2019   | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7300     | 3    | 0            | 0             | 22-10-2018         |
| O                | OCI                       | OCI NV STND OPT                       | 18-1-2019   | 29,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5000     | 1    | 0            | 0             | 22-10-2018         |
| O                | OCI                       | OCI NV STND OPT                       | 18-1-2019   | 29,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5100     | 4    | 0            | 0             | 22-10-2018         |
| O                | OCI                       | OCI NV STND OPT                       | 18-1-2019   | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3100     | 0    | 0            | 0             | 22-10-2018         |
| O                | OCI                       | OCI NV STND OPT                       | 18-1-2019   | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,3300     | 4    | 0            | 0             | 22-10-2018         |
| O                | OCI                       | OCI NV STND OPT                       | 15-3-2019   | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,2600    | 10   | 0            | 0             | 22-10-2018         |
| O                | OCI                       | OCI NV STND OPT                       | 15-3-2019   | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2400     | 0    | 0            | 9             | 22-10-2018         |
| O                | OCI                       | OCI NV STND OPT                       | 15-3-2019   | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,3300     | 8    | 0            | 2             | 22-10-2018         |
| O                | OCI                       | OCI NV STND OPT                       | 15-3-2019   | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3200     | 0    | 0            | 24            | 22-10-2018         |
| O                | OCI                       | OCI NV STND OPT                       | 15-3-2019   | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,4200     | 6    | 0            | 4             | 22-10-2018         |
| O                | OCI                       | OCI NV STND OPT                       | 15-3-2019   | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4200     | 0    | 0            | 5             | 22-10-2018         |
| O                | OCI                       | OCI NV STND OPT                       | 15-3-2019   | 22,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,6100     | 5    | 0            | 50            | 22-10-2018         |
| O                | OCI                       | OCI NV STND OPT                       | 15-3-2019   | 22,0000        | P                 | EUR               | 0,6000 | 0,6500 | 0,6000 | 2           | 0,6500 | 0,6200     | 1    | 2            | 9             | 22-10-2018         |
| O                | OCI                       | OCI NV STND OPT                       | 15-3-2019   | 23,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8900     | 4    | 0            | 21            | 22-10-2018         |
| O                | OCI                       | OCI NV STND OPT                       | 15-3-2019   | 23,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9100     | 1    | 0            | 18            | 22-10-2018         |
| O                | OCI                       | OCI NV STND OPT                       | 15-3-2019   | 24,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1500     | 3    | 0            | 32            | 22-10-2018         |
| O                | OCI                       | OCI NV STND OPT                       | 15-3-2019   | 24,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1700     | 1    | 0            | 30            | 22-10-2018         |
| O                | OCI                       | OCI NV STND OPT                       | 15-3-2019   | 25,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4300     | 2    | 0            | 20            | 22-10-2018         |
| O                | OCI                       | OCI NV STND OPT                       | 15-3-2019   | 25,0000        | P                 | EUR               | 1,3500 | 1,3500 | 1,3500 | 1           | 1,3500 | 1,4500     | 1    | 1            | 30            | 22-10-2018         |
| O                | OCI                       | OCI NV STND OPT                       | 15-3-2019   | 26,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9100     | 2    | 0            | 63            | 22-10-2018         |
| O                | OCI                       | OCI NV STND OPT                       | 15-3-2019   | 26,0000        | P                 | EUR               | 1,8700 | 1,8700 | 1,8700 | 1           | 1,8700 | 1,9300     | 2    | 4            | 75            | 22-10-2018         |
| O                | OCI                       | OCI NV STND OPT                       | 15-3-2019   | 27,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4600     | 1    | 0            | 12            | 22-10-2018         |
| O                | OCI                       | OCI NV STND OPT                       | 15-3-2019   | 27,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4900     | 2    | 0            | 25            | 22-10-2018         |
| O                | OCI                       | OCI NV STND OPT                       | 15-3-2019   | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0700     | 1    | 0            | 125           | 22-10-2018         |
| O                | OCI                       | OCI NV STND OPT                       | 15-3-2019   | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1000     | 3    | 0            | 256           | 22-10-2018         |
| O                | OCI                       | OCI NV STND OPT                       | 15-3-2019   | 29,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8300     | 1    | 0            | 102           | 22-10-2018         |
| O                | OCI                       | OCI NV STND OPT                       | 15-3-2019   | 29,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8600     | 4    | 0            | 36            | 22-10-2018         |
| O                | OCI                       | OCI NV STND OPT                       | 15-3-2019   | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5900     | 1    | 0            | 89            | 22-10-2018         |
| O                | OCI                       | OCI NV STND OPT                       | 15-3-2019   | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,6200     | 5    | 0            | 92            | 22-10-2018         |
| O                | OCI                       | OCI NV STND OPT                       | 15-3-2019   | 32,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3400     | 0    | 0            | 81            | 22-10-2018         |
| O                | OCI                       | OCI NV STND OPT                       | 15-3-2019   | 32,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,3700     | 6    | 0            | 264           | 22-10-2018         |
| O                | OCI                       | OCI NV STND OPT                       | 15-3-2019   | 35,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 0            | 3             | 22-10-2018         |
| O                | OCI                       | OCI NV STND OPT                       | 15-3-2019   | 35,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,0900     | 9    | 0            | 35            | 22-10-2018         |
| O                | OCI                       | OCI NV STND OPT                       | 15-3-2019   | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | OCI                       | OCI NV STND OPT                       | 15-3-2019   | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,0400    | 14   | 0            | 5             | 22-10-2018         |
| O                | OCI                       | OCI NV STND OPT                       | 15-3-2019   | 45,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | OCI                       | OCI NV STND OPT                       | 15-3-2019   | 45,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 19,0500    | 19   | 0            | 0             | 22-10-2018         |
| O                | OCI                       | OCI NV STND OPT                       | 21-6-2019   | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,7400     | 7    | 0            | 0             | 22-10-2018         |
| O                | OCI                       | OCI NV STND OPT                       | 21-6-2019   | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7700     | 1    | 0            | 12            | 22-10-2018         |
| O                | OCI                       | OCI NV STND OPT                       | 21-6-2019   | 22,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,1200     | 5    | 0            | 7             | 22-10-2018         |
| O                | OCI                       | OCI NV STND OPT                       | 21-6-2019   | 22,0000        | P                 | EUR               | 1,0000 | 1,0000 | 1,0000 | 1           | 1,0000 | 1,1600     | 1    | 2            | 30            | 22-10-2018         |
| O                | OCI                       | OCI NV STND OPT                       | 21-6-2019   | 24,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,6800     | 4    | 0            | 1             | 22-10-2018         |
| O                | OCI                       | OCI NV STND OPT                       | 21-6-2019   | 24,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7200     | 2    | 0            | 1             | 22-10-2018         |
| O                | OCI                       | OCI NV STND OPT                       | 21-6-2019   | 26,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4900     | 2    | 0            | 8             | 22-10-2018         |
| O                | OCI                       | OCI NV STND OPT                       | 21-6-2019   | 26,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5300     | 3    | 0            | 3             | 22-10-2018         |
| O                | OCI                       | OCI NV STND OPT                       | 21-6-2019   | 27,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0100     | 2    | 0            | 18            | 22-10-2018         |
| O                | OCI                       | OCI NV STND OPT                       | 21-6-2019   | 27,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0600     | 3    | 0            | 0             | 22-10-2018         |
| O                | OCI                       | OCI NV STND OPT                       | 21-6-2019   | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6500     | 2    | 0            | 11            | 22-10-2018         |
| O                | OCI                       | OCI NV STND OPT                       | 21-6-2019   | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,7000     | 4    | 0            | 0             | 22-10-2018         |
| O                | OCI                       | OCI NV STND OPT                       | 21-6-2019   | 29,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3300     | 1    | 0            | 5             | 22-10-2018         |
| O                | OCI                       | OCI NV STND OPT                       | 21-6-2019   | 29,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,3900     | 4    | 0            | 5             | 22-10-2018         |
| O                | OCI                       | OCI NV STND OPT                       | 21-6-2019   | 30,0000        | C                 | EUR               | 1,2500 | 1,2500 | 1,2500 | 2           | 1,2500 | 1,0800     | 1    | 2            | 4             | 22-10-2018         |
| O                | OCI                       | OCI NV STND OPT                       | 21-6-2019   | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,1400     | 5    | 0            | 0             | 22-10-2018         |
| O                | OCI                       | OCI NV STND OPT                       | 21-6-2019   | 35,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4000     | 0    | 0            | 27            | 22-10-2018         |
| O                | OCI                       | OCI NV STND OPT                       | 21-6-2019   | 35,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,4600     | 9    | 0            | 0             | 22-10-2018         |
| O                | OCI                       | OCI NV STND OPT                       | 21-6-2019   | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     | 0    | 0            | 11            | 22-10-2018         |
| O                | OCI                       | OCI NV STND OPT                       | 21-6-2019   | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,2000    | 14   | 0            | 0             | 22-10-2018         |
| O                | OCI                       | OCI NV STND OPT                       | 21-6-2019   | 45,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 0             | 22-10-2018         |
| O                | OCI                       | OCI NV STND OPT                       | 21-6-2019   | 45,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 19,1200    | 19   | 0            | 0             | 22-10-2018         |
| F                | OH6                       | Obracon Huarte Lain SA - Stock Future | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0197     | 1    | 0            | 0             | 22-10-2018         |
| F                | OH6                       | Obracon Huarte Lain SA - Stock Future | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0193     | 1    | 0            | 0             | 22-10-2018         |
| F                | OH6                       | Obracon Huarte Lain SA - Stock Future | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0190     | 1    | 0            | 0             | 22-10-2018         |
| F                | OH6                       | Obracon Huarte Lain SA - Stock Future | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0187     | 1    | 0            | 0             | 22-10-2018         |
| F                | OH6                       | Obracon Huarte Lain SA - Stock Future | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0178     | 1    | 0            | 0             | 22-10-2018         |
| F                | OH6                       | Obracon Huarte Lain SA - Stock Future | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9969     | 1    | 0            | 0             | 22-10-2018         |
| F                | OI6                       | Equinor - Stock Future                | 16-11-2018  | 0,0000         |                   | NOK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 216,6568   | 217  | 0            | 0             | 22-10-2018         |
| F                | OI6                       | Equinor - Stock Future                | 21-12-2018  | 0,0000         |                   | NOK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 215,0464   | 215  | 0            | 0             | 22-10-2018         |
| F                | OI6                       | Equinor - Stock Future                | 18-1-2019   | 0,0000         |                   | NOK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 215,3276   | 215  | 0            | 0             | 22-10-2018         |
| F                | OI6                       | Equinor - Stock Future                | 15-3-2019   | 0,0000         |                   | NOK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 213,9517   | 214  | 0            | 0             | 22-10-2018         |
| F                | OI6                       | Equinor - Stock Future                | 21-6-2019   | 0,0000         |                   | NOK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 213,1509   | 213  | 0            | 0             | 22-10-2018         |
| F                | OI6                       | Equinor - Stock Future                | 20-9-2019   | 0,0000         |                   | NOK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 212,1445   | 212  | 0            | 0             | 22-10-2018         |
| F                | OI8                       | Equinor - Dividend Future             | 21-12-2018  | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9101     | 1    | 0            | 0             | 22-10-2018         |
| F                | OI8                       | Equinor - Dividend Future             | 20-12-2019  | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8804     | 1    | 0            | 0             | 22-10-2018         |
| F                | OI8                       | Equinor - Dividend Future             | 18-12-2020  | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8804     | 1    | 0            | 0             | 22-10-2018         |
| F                | OI8                       | Equinor - Dividend Future             | 17-12-2021  | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8804     | 1    | 0            | 0             | 22-10-2018         |
| F                | OI8                       | Equinor - Dividend Future             | 16-12-2022  | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8804     | 1    | 0            | 0             | 22-10-2018         |
| F                | OK6                       | Orkla - Stock Future                  | 16-11-2018  | 0,0000         |                   | NOK               |        |        |        |             |        |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name               | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP   | Total Volume | Open Interest | Open Interest Date |            |            |
|------------------|---------------------------|-------------------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|--------|--------------|---------------|--------------------|------------|------------|
| F                | OM6                       | OMV AG - Stock Future         | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 48,2235    |        | 48           | 0             | 22-10-2018         |            |            |
| F                | OM6                       | OMV AG - Stock Future         | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 48,2072    |        | 48           | 0             | 22-10-2018         |            |            |
| F                | OM6                       | OMV AG - Stock Future         | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 46,5648    |        | 47           | 0             | 22-10-2018         |            |            |
| F                | OM6                       | OMV AG - Stock Future         | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 46,5266    |        | 47           | 0             | 22-10-2018         |            |            |
| F                | ON6                       | Continental AG - Stock Future | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 133,2635   |        | 133          | 0             | 22-10-2018         |            |            |
| F                | ON6                       | Continental AG - Stock Future | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 133,2124   |        | 133          | 0             | 22-10-2018         |            |            |
| F                | ON6                       | Continental AG - Stock Future | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 133,1715   |        | 133          | 0             | 22-10-2018         |            |            |
| F                | ON6                       | Continental AG - Stock Future | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 133,1266   |        | 133          | 0             | 22-10-2018         |            |            |
| F                | ON6                       | Continental AG - Stock Future | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 128,5109   |        | 129          | 0             | 22-10-2018         |            |            |
| F                | ON6                       | Continental AG - Stock Future | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 128,4052   |        | 128          | 0             | 22-10-2018         |            |            |
| F                | ON8                       | Continental - Dividend Future | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,5000     |        | 5            | 0             | 22-10-2018         |            |            |
| F                | ON8                       | Continental - Dividend Future | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,8000     |        | 5            | 0             | 22-10-2018         |            |            |
| F                | ON8                       | Continental - Dividend Future | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,0000     |        | 4            | 0             | 22-10-2018         |            |            |
| F                | ON8                       | Continental - Dividend Future | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,0000     |        | 4            | 0             | 22-10-2018         |            |            |
| F                | ON8                       | Continental - Dividend Future | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,0000     |        | 4            | 0             | 22-10-2018         |            |            |
| F                | OO6                       | Sonova Holding - Stock Future | 16-11-2018  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 157,6496   |        | 158          | 0             | 22-10-2018         |            |            |
| F                | OO6                       | Sonova Holding - Stock Future | 21-12-2018  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 157,5711   |        | 158          | 0             | 22-10-2018         |            |            |
| F                | OO6                       | Sonova Holding - Stock Future | 18-1-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 157,4996   |        | 157          | 0             | 22-10-2018         |            |            |
| F                | OO6                       | Sonova Holding - Stock Future | 15-3-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 157,3798   |        | 157          | 0             | 22-10-2018         |            |            |
| F                | OO6                       | Sonova Holding - Stock Future | 21-6-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 154,2604   |        | 154          | 0             | 22-10-2018         |            |            |
| F                | OO6                       | Sonova Holding - Stock Future | 20-9-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 154,0561   |        | 154          | 0             | 22-10-2018         |            |            |
| O                | ORD                       | ORDINA N.V.                   | 16-11-2018  | 1,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6500     |        | 1            | 0             | 22-10-2018         |            |            |
| O                | ORD                       | ORDINA N.V.                   | 16-11-2018  | 1,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |        | 0            | 0             | 22-10-2018         |            |            |
| O                | ORD                       | ORDINA N.V.                   | 16-11-2018  | 1,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4500     |        | 0            | 0             | 22-10-2018         |            |            |
| O                | ORD                       | ORDINA N.V.                   | 16-11-2018  | 1,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |        | 0            | 0             | 22-10-2018         |            |            |
| O                | ORD                       | ORDINA N.V.                   | 16-11-2018  | 1,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2500     |        | 0            | 10            | 22-10-2018         |            |            |
| O                | ORD                       | ORDINA N.V.                   | 16-11-2018  | 1,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |        | 0            | 0             | 22-10-2018         |            |            |
| O                | ORD                       | ORDINA N.V.                   | 16-11-2018  | 1,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1600     |        | 0            | 10            | 22-10-2018         |            |            |
| O                | ORD                       | ORDINA N.V.                   | 16-11-2018  | 1,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |        | 0            | 0             | 22-10-2018         |            |            |
| O                | ORD                       | ORDINA N.V.                   | 16-11-2018  | 1,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     |        | 0            | 500           | 22-10-2018         |            |            |
| O                | ORD                       | ORDINA N.V.                   | 16-11-2018  | 1,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     |        | 0            | 0             | 22-10-2018         |            |            |
| O                | ORD                       | ORDINA N.V.                   | 16-11-2018  | 1,7000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     |        | 0            | 46            | 22-10-2018         |            |            |
| O                | ORD                       | ORDINA N.V.                   | 16-11-2018  | 1,7000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1000     |        | 0            | 48            | 22-10-2018         |            |            |
| O                | ORD                       | ORDINA N.V.                   | 16-11-2018  | 1,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |        | 0            | 50            | 22-10-2018         |            |            |
| O                | ORD                       | ORDINA N.V.                   | 16-11-2018  | 1,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1800     |        | 0            | 13            | 22-10-2018         |            |            |
| O                | ORD                       | ORDINA N.V.                   | 16-11-2018  | 1,9000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |        | 0            | 60            | 22-10-2018         |            |            |
| O                | ORD                       | ORDINA N.V.                   | 16-11-2018  | 1,9000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2500     |        | 0            | 43            | 22-10-2018         |            |            |
| O                | ORD                       | ORDINA N.V.                   | 16-11-2018  | 2,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |        | 0            | 0             | 22-10-2018         |            |            |
| O                | ORD                       | ORDINA N.V.                   | 16-11-2018  | 2,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3500     |        | 0            | 0             | 22-10-2018         |            |            |
| O                | ORD                       | ORDINA N.V.                   | 16-11-2018  | 2,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |        | 0            | 0             | 22-10-2018         |            |            |
| O                | ORD                       | ORDINA N.V.                   | 16-11-2018  | 2,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5500     |        | 1            | 0             | 22-10-2018         |            |            |
| O                | ORD                       | ORDINA N.V.                   | 16-11-2018  | 2,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |        | 0            | 0             | 22-10-2018         |            |            |
| O                | ORD                       | ORDINA N.V.                   | 16-11-2018  | 2,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7500     |        | 1            | 0             | 22-10-2018         |            |            |
| O                | ORD                       | ORDINA N.V.                   | 21-12-2018  | 0,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2500     |        | 1            | 0             | 22-10-2018         |            |            |
| O                | ORD                       | ORDINA N.V.                   | 21-12-2018  | 0,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |        | 0            | 0             | 22-10-2018         |            |            |
| O                | ORD                       | ORDINA N.V.                   | 21-12-2018  | 0,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1500     |        | 1            | 0             | 22-10-2018         |            |            |
| O                | ORD                       | ORDINA N.V.                   | 21-12-2018  | 0,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |        | 0            | 0             | 22-10-2018         |            |            |
| O                | ORD                       | ORDINA N.V.                   | 21-12-2018  | 1,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6500     |        | 1            | 0             | 22-10-2018         |            |            |
| O                | ORD                       | ORDINA N.V.                   | 21-12-2018  | 1,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |        | 0            | 25            | 22-10-2018         |            |            |
| O                | ORD                       | ORDINA N.V.                   | 21-12-2018  | 1,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4500     |        | 0            | 0             | 22-10-2018         |            |            |
| O                | ORD                       | ORDINA N.V.                   | 21-12-2018  | 1,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |        | 0            | 0             | 22-10-2018         |            |            |
| O                | ORD                       | ORDINA N.V.                   | 21-12-2018  | 1,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2600     |        | 0            | 18            | 22-10-2018         |            |            |
| O                | ORD                       | ORDINA N.V.                   | 21-12-2018  | 1,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |        | 0            | 0             | 22-10-2018         |            |            |
| O                | ORD                       | ORDINA N.V.                   | 21-12-2018  | 1,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1800     |        | 0            | 64            | 22-10-2018         |            |            |
| O                | ORD                       | ORDINA N.V.                   | 21-12-2018  | 1,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     |        | 0            | 46            | 22-10-2018         |            |            |
| O                | ORD                       | ORDINA N.V.                   | 21-12-2018  | 1,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     |        | 0            | 414           | 22-10-2018         |            |            |
| O                | ORD                       | ORDINA N.V.                   | 21-12-2018  | 1,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     |        | 0            | 809           | 22-10-2018         |            |            |
| O                | ORD                       | ORDINA N.V.                   | 21-12-2018  | 1,7000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     |        | 0            | 13            | 22-10-2018         |            |            |
| O                | ORD                       | ORDINA N.V.                   | 21-12-2018  | 1,7000         | P                 | EUR               | 0,0900 | 0,0900 | 0,0900 | -           | 1      | 0,0900     | 0,1100 |              | 0             | 29                 | 22-10-2018 |            |
| O                | ORD                       | ORDINA N.V.                   | 21-12-2018  | 1,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     |        | 0            | 1860          | 22-10-2018         |            |            |
| O                | ORD                       | ORDINA N.V.                   | 21-12-2018  | 1,8000         | P                 | EUR               | 0,1800 | 0,1800 | 0,1800 | -           | 1      | 0,1800     | 0,1900 |              | 0             | 1                  | 2175       | 22-10-2018 |
| O                | ORD                       | ORDINA N.V.                   | 21-12-2018  | 1,9000         | C                 | EUR               | 0,0300 | 0,0300 | 0,0300 | -           | 1      | 0,0300     | 0,0200 |              | 0             | 10                 | 22-10-2018 |            |
| O                | ORD                       | ORDINA N.V.                   | 21-12-2018  | 1,9000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2700     |        | 0            | 0             | 10                 | 22-10-2018 |            |
| O                | ORD                       | ORDINA N.V.                   | 21-12-2018  | 2,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |        | 0            | 0             | 4963               | 22-10-2018 |            |
| O                | ORD                       | ORDINA N.V.                   | 21-12-2018  | 2,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3700     |        | 0            | 0             | 2654               | 22-10-2018 |            |
| O                | ORD                       | ORDINA N.V.                   | 21-12-2018  | 2,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |        | 0            | 0             | 3358               | 22-10-2018 |            |
| O                | ORD                       | ORDINA N.V.                   | 21-12-2018  | 2,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5600     |        | 1            | 0             | 3798               | 22-10-2018 |            |
| O                | ORD                       | ORDINA N.V.                   | 21-12-2018  | 2,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |        | 0            | 0             | 0                  | 22-10-2018 |            |
| O                | ORD                       | ORDINA N.V.                   | 21-12-2018  | 2,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7600     |        | 1            | 0             | 0                  | 22-10-2018 |            |
| O                | ORD                       | ORDINA N.V.                   | 21-12-2018  | 2,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |        | 0            | 2             | 22-10-2018         |            |            |
| O                | ORD                       | ORDINA N.V.                   | 21-12-2018  | 2,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8500     |        | 1            | 0             | 37                 | 22-10-2018 |            |
| O                | ORD                       | ORDINA N.V.                   | 21-12-2018  | 3,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |        | 0            | 0             | 0                  | 22-10-2018 |            |
| O                | ORD                       | ORDINA N.V.                   | 21-12-2018  | 3,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3500     |        | 1            | 0             | 1                  | 22-10-2018 |            |
| O                | ORD                       | ORDINA N.V.                   | 21-12-2018  | 3,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |        | 0            | 0             | 0                  | 22-10-2018 |            |
| O                | ORD                       | ORDINA N.V.                   | 21-12-2018  | 3,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8500     |        | 2            | 0             | 10                 | 22-10-2018 |            |
| O                | ORD                       | ORDINA N.V.                   | 18-1-2019   | 1,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6500     |        | 1            | 0             | 0                  | 22-10-2018 |            |
| O                | ORD                       | ORDINA N.V.                   | 18-1-2019   | 1,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |        | 0            | 0             | 0                  | 22-10-2018 |            |
| O                | ORD                       | ORDINA N.V.                   | 18-1-2019   | 1,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4500     |        | 0            | 0             | 0                  | 22-10-2018 |            |
| O                |                           |                               |             |                |                   |                   |        |        |        |             |        |            |        |              |               |                    |            |            |



| Instrument Type* | Instrument Trading Symbol | Instrument Name                                    | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|--|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | ORD                       | ORDINA N.V.  | 18-1-2019   | 1,7000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     | 0    | 0            | 0             | 22-10-2018         |
| O                | ORD                       | ORDINA N.V.  | 18-1-2019   | 1,7000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     | 0    | 0            | 0             | 22-10-2018         |
| O                | ORD                       | ORDINA N.V.  | 18-1-2019   | 1,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     | 0    | 0            | 0             | 22-10-2018         |
| O                | ORD                       | ORDINA N.V.  | 18-1-2019   | 1,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1900     | 0    | 0            | 0             | 22-10-2018         |
| O                | ORD                       | ORDINA N.V.  | 18-1-2019   | 2,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | ORD                       | ORDINA N.V.  | 18-1-2019   | 2,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3600     | 0    | 0            | 0             | 22-10-2018         |
| O                | ORD                       | ORDINA N.V.  | 18-1-2019   | 2,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | ORD                       | ORDINA N.V.  | 18-1-2019   | 2,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5500     | 1    | 0            | 0             | 22-10-2018         |
| O                | ORD                       | ORDINA N.V.  | 18-1-2019   | 2,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | ORD                       | ORDINA N.V.  | 18-1-2019   | 2,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7500     | 1    | 0            | 0             | 22-10-2018         |
| O                | ORD                       | ORDINA N.V.  | 15-3-2019   | 0,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2500     | 1    | 0            | 5             | 22-10-2018         |
| O                | ORD                       | ORDINA N.V.  | 15-3-2019   | 0,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | ORD                       | ORDINA N.V.  | 15-3-2019   | 0,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1500     | 1    | 0            | 0             | 22-10-2018         |
| O                | ORD                       | ORDINA N.V.  | 15-3-2019   | 0,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | ORD                       | ORDINA N.V.  | 15-3-2019   | 1,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6500     | 1    | 0            | 23            | 22-10-2018         |
| O                | ORD                       | ORDINA N.V.  | 15-3-2019   | 1,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | ORD                       | ORDINA N.V.  | 15-3-2019   | 1,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2800     | 0    | 0            | 2             | 22-10-2018         |
| O                | ORD                       | ORDINA N.V.  | 15-3-2019   | 1,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     | 0    | 0            | 5             | 22-10-2018         |
| O                | ORD                       | ORDINA N.V.  | 15-3-2019   | 1,5000         | C                 | EUR               | 0,2200 | 0,2200 | 0,2200 | 1           | 0,2200 | 0,2100     | 0    | 1            | 188           | 22-10-2018         |
| O                | ORD                       | ORDINA N.V.  | 15-3-2019   | 1,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     | 0    | 0            | 345           | 22-10-2018         |
| O                | ORD                       | ORDINA N.V.  | 15-3-2019   | 1,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1500     | 0    | 0            | 1144          | 22-10-2018         |
| O                | ORD                       | ORDINA N.V.  | 15-3-2019   | 1,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     | 0    | 0            | 1320          | 22-10-2018         |
| O                | ORD                       | ORDINA N.V.  | 15-3-2019   | 1,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     | 0    | 0            | 1755          | 22-10-2018         |
| O                | ORD                       | ORDINA N.V.  | 15-3-2019   | 1,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2300     | 0    | 0            | 5303          | 22-10-2018         |
| O                | ORD                       | ORDINA N.V.  | 15-3-2019   | 2,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 2286          | 22-10-2018         |
| O                | ORD                       | ORDINA N.V.  | 15-3-2019   | 2,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3900     | 0    | 0            | 3525          | 22-10-2018         |
| O                | ORD                       | ORDINA N.V.  | 15-3-2019   | 2,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 4430          | 22-10-2018         |
| O                | ORD                       | ORDINA N.V.  | 15-3-2019   | 2,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5700     | 1    | 0            | 31            | 22-10-2018         |
| O                | ORD                       | ORDINA N.V.  | 15-3-2019   | 2,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 22            | 22-10-2018         |
| O                | ORD                       | ORDINA N.V.  | 15-3-2019   | 2,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8600     | 1    | 0            | 86            | 22-10-2018         |
| O                | ORD                       | ORDINA N.V.  | 15-3-2019   | 3,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | ORD                       | ORDINA N.V.  | 15-3-2019   | 3,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3600     | 1    | 0            | 20            | 22-10-2018         |
| O                | ORD                       | ORDINA N.V.  | 15-3-2019   | 3,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | ORD                       | ORDINA N.V.  | 15-3-2019   | 3,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8600     | 2    | 0            | 0             | 22-10-2018         |
| O                | ORD                       | ORDINA N.V.  | 21-6-2019   | 0,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2500     | 1    | 0            | 0             | 22-10-2018         |
| O                | ORD                       | ORDINA N.V.  | 21-6-2019   | 0,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | ORD                       | ORDINA N.V.  | 21-6-2019   | 0,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1500     | 1    | 0            | 0             | 22-10-2018         |
| O                | ORD                       | ORDINA N.V.  | 21-6-2019   | 0,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | ORD                       | ORDINA N.V.  | 21-6-2019   | 1,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6500     | 1    | 0            | 234           | 22-10-2018         |
| O                | ORD                       | ORDINA N.V.  | 21-6-2019   | 1,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | ORD                       | ORDINA N.V.  | 21-6-2019   | 1,4000         | C                 | EUR               | 0,3000 | 0,3000 | 0,3000 | 1           | 0,3000 | 0,2900     | 0    | 1            | 321           | 22-10-2018         |
| O                | ORD                       | ORDINA N.V.  | 21-6-2019   | 1,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     | 0    | 0            | 474           | 22-10-2018         |
| O                | ORD                       | ORDINA N.V.  | 21-6-2019   | 1,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1600     | 0    | 0            | 133           | 22-10-2018         |
| O                | ORD                       | ORDINA N.V.  | 21-6-2019   | 1,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1500     | 0    | 0            | 821           | 22-10-2018         |
| O                | ORD                       | ORDINA N.V.  | 21-6-2019   | 1,8000         | C                 | EUR               | 0,1000 | 0,1000 | 0,1000 | 1           | 0,1000 | 0,1000     | 0    | 5            | 221           | 22-10-2018         |
| O                | ORD                       | ORDINA N.V.  | 21-6-2019   | 1,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2900     | 0    | 0            | 3182          | 22-10-2018         |
| O                | ORD                       | ORDINA N.V.  | 21-6-2019   | 2,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 237           | 22-10-2018         |
| O                | ORD                       | ORDINA N.V.  | 21-6-2019   | 2,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4500     | 0    | 0            | 126           | 22-10-2018         |
| O                | ORD                       | ORDINA N.V.  | 21-6-2019   | 2,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | ORD                       | ORDINA N.V.  | 21-6-2019   | 2,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9100     | 1    | 0            | 0             | 22-10-2018         |
| O                | ORD                       | ORDINA N.V.  | 21-6-2019   | 3,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | ORD                       | ORDINA N.V.  | 21-6-2019   | 3,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4000     | 1    | 0            | 0             | 22-10-2018         |
| O                | ORD                       | ORDINA N.V.  | 21-6-2019   | 3,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | ORD                       | ORDINA N.V.  | 21-6-2019   | 3,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9000     | 2    | 0            | 0             | 22-10-2018         |
| F                | OS8                       | Tod's - Dividend Future                            | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4000     | 1    | 0            | 0             | 22-10-2018         |
| F                | OS8                       | Tod's - Dividend Future                            | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0200     | 2    | 0            | 0             | 22-10-2018         |
| F                | OS8                       | Tod's - Dividend Future                            | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2000     | 2    | 0            | 0             | 22-10-2018         |
| F                | OS8                       | Tod's - Dividend Future                            | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5000     | 3    | 0            | 0             | 22-10-2018         |
| F                | OS8                       | Tod's - Dividend Future                            | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5000     | 3    | 0            | 0             | 22-10-2018         |
| F                | OU6                       | Outotec OYJ - Stock Future                         | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,9137     | 5    | 0            | 0             | 22-10-2018         |
| F                | OU6                       | Outotec OYJ - Stock Future                         | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,9118     | 5    | 0            | 0             | 22-10-2018         |
| F                | OU6                       | Outotec OYJ - Stock Future                         | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,9103     | 5    | 0            | 0             | 22-10-2018         |
| F                | OU6                       | Outotec OYJ - Stock Future                         | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,9086     | 5    | 0            | 0             | 22-10-2018         |
| F                | OU6                       | Outotec OYJ - Stock Future                         | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,8243     | 5    | 0            | 0             | 22-10-2018         |
| F                | OU6                       | Outotec OYJ - Stock Future                         | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,8204     | 5    | 0            | 0             | 22-10-2018         |
| F                | OV6                       | Novo Nordisk B - Stock Future                      | 16-11-2018  | 0,0000         |                   | DKK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 279,9165   | 280  | 0            | 0             | 22-10-2018         |
| F                | OV6                       | Novo Nordisk B - Stock Future                      | 21-12-2018  | 0,0000         |                   | DKK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 279,8174   | 280  | 0            | 0             | 22-10-2018         |
| F                | OV6                       | Novo Nordisk B - Stock Future                      | 18-1-2019   | 0,0000         |                   | DKK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 279,7655   | 280  | 0            | 0             | 22-10-2018         |
| F                | OV6                       | Novo Nordisk B - Stock Future                      | 15-3-2019   | 0,0000         |                   | DKK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 279,6556   | 280  | 0            | 0             | 22-10-2018         |
| F                | OV6                       | Novo Nordisk B - Stock Future                      | 21-6-2019   | 0,0000         |                   | DKK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 274,3924   | 274  | 0            | 0             | 22-10-2018         |
| F                | OV6                       | Novo Nordisk B - Stock Future                      | 20-9-2019   | 0,0000         |                   | DKK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 271,1591   | 271  | 0            | 0             | 22-10-2018         |
| F                | OY6                       | Assa Abloy B - Stock Future                        | 16-11-2018  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 175,1022   | 175  | 0            | 0             | 22-10-2018         |
| F                | OY6                       | Assa Abloy B - Stock Future                        | 21-12-2018  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 175,0418   | 175  | 0            | 0             | 22-10-2018         |
| F                | OY6                       | Assa Abloy B - Stock Future                        | 18-1-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 174,9987   | 175  | 0            | 0             | 22-10-2018         |
| F                | OY6                       | Assa Abloy B - Stock Future                        | 15-3-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 174,9079   | 175  | 0            | 0             | 22-10-2018         |
| F                | OY6                       | Assa Abloy B - Stock Future                        | 21-6-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 171,1764   | 171  | 0            | 0             | 22-10-2018         |
| F                | OY6                       | Assa Abloy B - Stock Future                        | 20-9-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 171,1028   | 171  | 0            | 0             | 22-10-2018         |
| F                | PA6                       | Porsche Automobil Holding SE - PREF - Stock Future | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 54,6       |      |              |               |                    |



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| Instrument Type* | Instrument Trading Symbol | Instrument Name              | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|------------------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | PHA                       | Pharming Group - Stnd Option | 16-11-2018  | 0,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 10            | 22-10-2018         |
| O                | PHA                       | Pharming Group - Stnd Option | 16-11-2018  | 0,7000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2400     | 0    | 0            | 39            | 22-10-2018         |
| O                | PHA                       | Pharming Group - Stnd Option | 16-11-2018  | 0,7000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 0             | 22-10-2018         |
| O                | PHA                       | Pharming Group - Stnd Option | 16-11-2018  | 0,8000         | C                 | EUR               | 0,1600 | 0,1600 | 0,1600 | 1           | 0,1600 | 0,1600     | 0    | 4            | 386           | 22-10-2018         |
| O                | PHA                       | Pharming Group - Stnd Option | 16-11-2018  | 0,8000         | P                 | EUR               | 0,0200 | 0,0200 | 0,0200 | 1           | 0,0200 | 0,0400     | 0    | 1            | 86            | 22-10-2018         |
| O                | PHA                       | Pharming Group - Stnd Option | 16-11-2018  | 0,9000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1000     | 0    | 0            | 94            | 22-10-2018         |
| O                | PHA                       | Pharming Group - Stnd Option | 16-11-2018  | 0,9000         | P                 | EUR               | 0,0500 | 0,0600 | 0,0500 | 3           | 0,0600 | 0,0800     | 0    | 6            | 16            | 22-10-2018         |
| O                | PHA                       | Pharming Group - Stnd Option | 16-11-2018  | 1,0000         | C                 | EUR               | 0,0700 | 0,0700 | 0,0500 | 3           | 0,0500 | 0,0500     | 0    | 8            | 1866          | 22-10-2018         |
| O                | PHA                       | Pharming Group - Stnd Option | 16-11-2018  | 1,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     | 0    | 0            | 786           | 22-10-2018         |
| O                | PHA                       | Pharming Group - Stnd Option | 16-11-2018  | 1,1000         | C                 | EUR               | 0,0200 | 0,0200 | 0,0200 | 1           | 0,0200 | 0,0200     | 0    | 1            | 803           | 22-10-2018         |
| O                | PHA                       | Pharming Group - Stnd Option | 16-11-2018  | 1,1000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2000     | 0    | 0            | 39            | 22-10-2018         |
| O                | PHA                       | Pharming Group - Stnd Option | 16-11-2018  | 1,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 1164          | 22-10-2018         |
| O                | PHA                       | Pharming Group - Stnd Option | 16-11-2018  | 1,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2900     | 0    | 0            | 43            | 22-10-2018         |
| O                | PHA                       | Pharming Group - Stnd Option | 16-11-2018  | 1,3000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 494           | 22-10-2018         |
| O                | PHA                       | Pharming Group - Stnd Option | 16-11-2018  | 1,3000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3900     | 0    | 0            | 105           | 22-10-2018         |
| O                | PHA                       | Pharming Group - Stnd Option | 16-11-2018  | 1,4000         | C                 | EUR               | 0,0300 | 0,0300 | 0,0200 | 2           | 0,0200 | 0,0100     | 0    | 15           | 151           | 22-10-2018         |
| O                | PHA                       | Pharming Group - Stnd Option | 16-11-2018  | 1,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4800     | 0    | 0            | 74            | 22-10-2018         |
| O                | PHA                       | Pharming Group - Stnd Option | 16-11-2018  | 1,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | PHA                       | Pharming Group - Stnd Option | 16-11-2018  | 1,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6800     | 1    | 0            | 10            | 22-10-2018         |
| O                | PHA                       | Pharming Group - Stnd Option | 16-11-2018  | 1,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 8             | 22-10-2018         |
| O                | PHA                       | Pharming Group - Stnd Option | 16-11-2018  | 1,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8800     | 1    | 0            | 0             | 22-10-2018         |
| O                | PHA                       | Pharming Group - Stnd Option | 16-11-2018  | 2,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | PHA                       | Pharming Group - Stnd Option | 16-11-2018  | 2,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0800     | 1    | 0            | 0             | 22-10-2018         |
| O                | PHA                       | Pharming Group - Stnd Option | 21-12-2018  | 0,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7200     | 1    | 0            | 0             | 22-10-2018         |
| O                | PHA                       | Pharming Group - Stnd Option | 21-12-2018  | 0,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | PHA                       | Pharming Group - Stnd Option | 21-12-2018  | 0,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5200     | 1    | 0            | 0             | 22-10-2018         |
| O                | PHA                       | Pharming Group - Stnd Option | 21-12-2018  | 0,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | PHA                       | Pharming Group - Stnd Option | 21-12-2018  | 0,6000         | C                 | EUR               | 0,3200 | 0,3200 | 0,3200 | 1           | 0,3200 | 0,3400     | 0    | 1            | 47            | 22-10-2018         |
| O                | PHA                       | Pharming Group - Stnd Option | 21-12-2018  | 0,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 0             | 22-10-2018         |
| O                | PHA                       | Pharming Group - Stnd Option | 21-12-2018  | 0,7000         | C                 | EUR               | 0,2800 | 0,2800 | 0,2800 | 1           | 0,2800 | 0,2600     | 0    | 1            | 151           | 22-10-2018         |
| O                | PHA                       | Pharming Group - Stnd Option | 21-12-2018  | 0,7000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     | 0    | 0            | 0             | 22-10-2018         |
| O                | PHA                       | Pharming Group - Stnd Option | 21-12-2018  | 0,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1900     | 0    | 0            | 242           | 22-10-2018         |
| O                | PHA                       | Pharming Group - Stnd Option | 21-12-2018  | 0,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     | 0    | 0            | 51            | 22-10-2018         |
| O                | PHA                       | Pharming Group - Stnd Option | 21-12-2018  | 0,9000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     | 0    | 0            | 148           | 22-10-2018         |
| O                | PHA                       | Pharming Group - Stnd Option | 21-12-2018  | 0,9000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     | 0    | 0            | 540           | 22-10-2018         |
| O                | PHA                       | Pharming Group - Stnd Option | 21-12-2018  | 1,0000         | C                 | EUR               | 0,1300 | 0,1300 | 0,0500 | 3           | 0,0500 | 0,1000     | 0    | 70           | 483           | 22-10-2018         |
| O                | PHA                       | Pharming Group - Stnd Option | 21-12-2018  | 1,0000         | P                 | EUR               | 0,1200 | 0,1200 | 0,1200 | 1           | 0,1200 | 0,1800     | 0    | 5            | 90            | 22-10-2018         |
| O                | PHA                       | Pharming Group - Stnd Option | 21-12-2018  | 1,1000         | C                 | EUR               | 0,0600 | 0,0600 | 0,0600 | 1           | 0,0600 | 0,0600     | 0    | 1            | 176           | 22-10-2018         |
| O                | PHA                       | Pharming Group - Stnd Option | 21-12-2018  | 1,1000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2500     | 0    | 0            | 109           | 22-10-2018         |
| O                | PHA                       | Pharming Group - Stnd Option | 21-12-2018  | 1,2000         | C                 | EUR               | 0,0400 | 0,0400 | 0,0400 | 1           | 0,0400 | 0,0500     | 0    | 2            | 25            | 22-10-2018         |
| O                | PHA                       | Pharming Group - Stnd Option | 21-12-2018  | 1,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3300     | 0    | 0            | 89            | 22-10-2018         |
| O                | PHA                       | Pharming Group - Stnd Option | 21-12-2018  | 1,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 55            | 22-10-2018         |
| O                | PHA                       | Pharming Group - Stnd Option | 21-12-2018  | 1,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5100     | 1    | 0            | 5             | 22-10-2018         |
| O                | PHA                       | Pharming Group - Stnd Option | 21-12-2018  | 1,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 5             | 22-10-2018         |
| O                | PHA                       | Pharming Group - Stnd Option | 21-12-2018  | 1,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6900     | 1    | 0            | 2             | 22-10-2018         |
| O                | PHA                       | Pharming Group - Stnd Option | 21-12-2018  | 1,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | PHA                       | Pharming Group - Stnd Option | 21-12-2018  | 1,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8900     | 1    | 0            | 0             | 22-10-2018         |
| O                | PHA                       | Pharming Group - Stnd Option | 18-1-2019   | 0,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7200     | 1    | 0            | 0             | 22-10-2018         |
| O                | PHA                       | Pharming Group - Stnd Option | 18-1-2019   | 0,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | PHA                       | Pharming Group - Stnd Option | 18-1-2019   | 0,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5200     | 1    | 0            | 0             | 22-10-2018         |
| O                | PHA                       | Pharming Group - Stnd Option | 18-1-2019   | 0,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | PHA                       | Pharming Group - Stnd Option | 18-1-2019   | 0,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3500     | 0    | 0            | 0             | 22-10-2018         |
| O                | PHA                       | Pharming Group - Stnd Option | 18-1-2019   | 0,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 0             | 22-10-2018         |
| O                | PHA                       | Pharming Group - Stnd Option | 18-1-2019   | 0,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2000     | 0    | 0            | 0             | 22-10-2018         |
| O                | PHA                       | Pharming Group - Stnd Option | 18-1-2019   | 0,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     | 0    | 0            | 0             | 22-10-2018         |
| O                | PHA                       | Pharming Group - Stnd Option | 18-1-2019   | 0,9000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1400     | 0    | 0            | 0             | 22-10-2018         |
| O                | PHA                       | Pharming Group - Stnd Option | 18-1-2019   | 0,9000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     | 0    | 0            | 0             | 22-10-2018         |
| O                | PHA                       | Pharming Group - Stnd Option | 18-1-2019   | 1,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1000     | 0    | 0            | 0             | 22-10-2018         |
| O                | PHA                       | Pharming Group - Stnd Option | 18-1-2019   | 1,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1800     | 0    | 0            | 0             | 22-10-2018         |
| O                | PHA                       | Pharming Group - Stnd Option | 18-1-2019   | 1,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 0            | 0             | 22-10-2018         |
| O                | PHA                       | Pharming Group - Stnd Option | 18-1-2019   | 1,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3400     | 0    | 0            | 0             | 22-10-2018         |
| O                | PHA                       | Pharming Group - Stnd Option | 18-1-2019   | 1,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     | 0    | 0            | 0             | 22-10-2018         |
| O                | PHA                       | Pharming Group - Stnd Option | 18-1-2019   | 1,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5200     | 1    | 0            | 0             | 22-10-2018         |
| O                | PHA                       | Pharming Group - Stnd Option | 18-1-2019   | 1,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 0             | 22-10-2018         |
| O                | PHA                       | Pharming Group - Stnd Option | 18-1-2019   | 1,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7100     | 1    | 0            | 0             | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke       | 16-11-2018  | 27,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,8500     | 5    | 0            | 0             | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke       | 16-11-2018  | 27,0000        | P                 | EUR               | 0,1000 | 0,1300 | 0,1000 | 3           | 0,1300 | 0,1300     | 0    | 41           | 40            | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke       | 16-11-2018  | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9200     | 4    | 0            | 0             | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke       | 16-11-2018  | 28,0000        | P                 | EUR               | 0,1600 | 0,1700 | 0,1600 | 2           | 0,1700 | 0,1900     | 0    | 11           | 11            | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke       | 16-11-2018  | 29,0000        | C                 | EUR               | 3,4900 | 3,8600 | 3,4900 | 15          | 3,8600 | 3,0100     | 3    | 217          | 217           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke       | 16-11-2018  | 29,0000        | P                 | EUR               | 0,2800 | 0,3200 | 0,1600 | 16          | 0,3200 | 0,2800     | 0    | 97           | 97            | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke       | 16-11-2018  | 30,0000        | C                 | EUR               | 2,5700 | 2,9500 | 2,0000 | 33          | 2,2000 | 2,1800     | 2    | 522          | 689           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke       | 16-11-2018  | 30,0000        | P                 | EUR               | 0,3500 | 0,5000 | 0,2500 | 35          | 0,4300 | 0,4500     | 0    | 471          | 337           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke       | 16-11-2018  | 31,0000        | C                 | EUR               | 2,1400 | 2,1400 | 1,3500 | 13          | 1,4300 | 1,4500     | 1    | 32           | 17            | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke       | 16-11-2018  | 31,0000        | P                 | EUR               | 0,5500 | 0,7900 | 0,4500 | 16          | 0,7200 | 0,7200     | 1    | 125          | 95            | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke       | 16-11-2018  | 32,0000        | C                 | EUR               | 1,6900 | 1,7500 | 0,7500 | 98          | 0,8400 | 0,8800     | 1    | 648          | 990           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke       | 16-11-2018  | 32,0000        | P                 | EUR               | 0,7200 | 1      |        |             |        |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name        | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|------------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | PHI                       | Philips NV Koninklijke | 16-11-2018  | 37,0000        | C                 | EUR               | 0,0800 | 0,0900 | 0,0400 | 27          | 0,0400 | 0,0500     | 0    | 482          | 2858          | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 16-11-2018  | 37,0000        | P                 | EUR               | 4,6500 | 4,6600 | 4,1800 | 5           | 4,6600 | 5,3300     | 5    | 56           | 1108          | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 16-11-2018  | 38,0000        | C                 | EUR               | 0,0500 | 0,0500 | 0,0400 | 7           | 0,0400 | 0,0300     | 0    | 66           | 1957          | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 16-11-2018  | 38,0000        | P                 | EUR               | 5,4000 | 5,7800 | 5,4000 | 4           | 5,7800 | 6,2900     | 6    | 7            | 952           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 16-11-2018  | 39,0000        | C                 | EUR               | 0,0300 | 0,0400 | 0,0200 | 6           | 0,0200 | 0,0200     | 0    | 89           | 752           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 16-11-2018  | 39,0000        | P                 | EUR               | 6,6500 | 6,8000 | 6,3400 | 4           | 6,8000 | 7,2900     | 7    | 28           | 556           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 16-11-2018  | 40,0000        | C                 | EUR               | 0,0200 | 0,0300 | 0,0200 | 7           | 0,0200 | 0,0100     | 0    | 99           | 950           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 16-11-2018  | 40,0000        | P                 | EUR               | 7,5000 | 7,5000 | 7,1500 | 4           | 7,3700 | 8,2900     | 8    | 6            | 312           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 16-11-2018  | 41,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 531           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 16-11-2018  | 41,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,2900     | 9    | 0            | 16            | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 16-11-2018  | 42,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 266           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 16-11-2018  | 42,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,2900    | 10   | 0            | 99            | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 16-11-2018  | 44,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 101           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 16-11-2018  | 44,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,2900    | 12   | 0            | 10            | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 16-11-2018  | 46,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 31            | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 16-11-2018  | 46,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,2900    | 14   | 0            | 0             | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 21-12-2018  | 10,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,7300    | 22   | 0            | 0             | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 21-12-2018  | 10,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 95            | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 21-12-2018  | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,7300    | 17   | 0            | 799           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 21-12-2018  | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 815           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 21-12-2018  | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,7600    | 14   | 0            | 50            | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 21-12-2018  | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 782           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 21-12-2018  | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,7800    | 12   | 0            | 105           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 21-12-2018  | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 1385          | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 21-12-2018  | 22,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,8000     | 10   | 0            | 95            | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 21-12-2018  | 22,0000        | P                 | EUR               | 0,0600 | 0,0700 | 0,0600 | 2           | 0,0700 | 0,0700     | 0    | 25           | 2163          | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 21-12-2018  | 24,0000        | C                 | EUR               | 8,8000 | 8,8000 | 8,8000 | 1           | 8,8000 | 7,8500     | 8    | 10           | 265           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 21-12-2018  | 24,0000        | P                 | EUR               | 0,1100 | 0,1200 | 0,1100 | 2           | 0,1200 | 0,1200     | 0    | 2            | 3986          | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 21-12-2018  | 25,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,8700     | 7    | 0            | 295           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 21-12-2018  | 25,0000        | P                 | EUR               | 0,1600 | 0,1600 | 0,1200 | 4           | 0,1600 | 0,1600     | 0    | 42           | 1585          | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 21-12-2018  | 26,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,9400     | 6    | 0            | 218           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 21-12-2018  | 26,0000        | P                 | EUR               | 0,1600 | 0,2200 | 0,1600 | 6           | 0,2200 | 0,2100     | 0    | 10           | 2838          | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 21-12-2018  | 27,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,0000     | 5    | 0            | 0             | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 21-12-2018  | 27,0000        | P                 | EUR               | 0,2800 | 0,2800 | 0,2800 | 1           | 0,2800 | 0,2900     | 0    | 10           | 10            | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 21-12-2018  | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,1100     | 4    | 0            | 172           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 21-12-2018  | 28,0000        | P                 | EUR               | 0,3200 | 0,4300 | 0,2600 | 29          | 0,4300 | 0,4000     | 0    | 301          | 6755          | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 21-12-2018  | 29,0000        | C                 | EUR               | 3,8900 | 3,8900 | 3,7500 | 2           | 3,7500 | 3,2800     | 3    | 19           | 19            | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 21-12-2018  | 29,0000        | P                 | EUR               | 0,4000 | 0,6100 | 0,3700 | 20          | 0,6100 | 0,5600     | 1    | 262          | 2194          | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 21-12-2018  | 30,0000        | C                 | EUR               | 3,5000 | 3,5000 | 2,3900 | 28          | 2,3900 | 2,5100     | 3    | 367          | 770           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 21-12-2018  | 30,0000        | P                 | EUR               | 0,5300 | 0,8500 | 0,5100 | 52          | 0,8500 | 0,8000     | 1    | 370          | 6582          | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 21-12-2018  | 31,0000        | C                 | EUR               | 2,6800 | 2,6800 | 2,6800 | 1           | 2,6800 | 1,8300     | 2    | 1            | 1             | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 21-12-2018  | 31,0000        | P                 | EUR               | 1,1000 | 1,1900 | 1,1000 | 5           | 1,1900 | 1,1200     | 1    | 8            | 8             | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 21-12-2018  | 32,0000        | C                 | EUR               | 2,0000 | 2,0600 | 1,1500 | 142         | 1,2000 | 1,2700     | 1    | 2765         | 4535          | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 21-12-2018  | 32,0000        | P                 | EUR               | 0,7900 | 1,6700 | 0,7900 | 78          | 1,5900 | 1,5700     | 2    | 945          | 7770          | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 21-12-2018  | 33,0000        | C                 | EUR               | 1,4200 | 1,4200 | 0,7800 | 9           | 0,7800 | 0,8400     | 1    | 82           | 70            | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 21-12-2018  | 33,0000        | P                 | EUR               | 1,7700 | 1,8700 | 1,4400 | 7           | 1,8700 | 2,1500     | 2    | 54           | 15            | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 21-12-2018  | 34,0000        | C                 | EUR               | 0,9500 | 1,0800 | 0,4700 | 109         | 0,5200 | 0,5300     | 1    | 1133         | 1897          | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 21-12-2018  | 34,0000        | P                 | EUR               | 2,1500 | 2,6800 | 2,0000 | 21          | 2,6800 | 2,8200     | 3    | 226          | 8535          | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 21-12-2018  | 35,0000        | C                 | EUR               | 0,5800 | 0,6500 | 0,2900 | 62          | 0,3100 | 0,3300     | 0    | 859          | 6961          | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 21-12-2018  | 35,0000        | P                 | EUR               | 2,2500 | 3,7800 | 2,2500 | 45          | 3,7800 | 3,6200     | 4    | 973          | 5325          | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 21-12-2018  | 36,0000        | C                 | EUR               | 0,4400 | 0,4400 | 0,1900 | 61          | 0,1900 | 0,2000     | 0    | 1250         | 2767          | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 21-12-2018  | 36,0000        | P                 | EUR               | 3,4900 | 4,5200 | 3,4700 | 23          | 4,5200 | 4,4900     | 4    | 521          | 1988          | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 21-12-2018  | 37,0000        | C                 | EUR               | 0,2500 | 0,2500 | 0,1200 | 14          | 0,1200 | 0,1200     | 0    | 260          | 494           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 21-12-2018  | 37,0000        | P                 | EUR               | 4,4000 | 5,2000 | 4,4000 | 7           | 5,2000 | 5,4300     | 5    | 45           | 296           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 21-12-2018  | 38,0000        | C                 | EUR               | 0,1300 | 0,1600 | 0,0800 | 24          | 0,0900 | 0,0800     | 0    | 167          | 7534          | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 21-12-2018  | 38,0000        | P                 | EUR               | 5,2500 | 6,6000 | 5,2000 | 28          | 6,5500 | 6,3900     | 6    | 368          | 2161          | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 21-12-2018  | 39,0000        | C                 | EUR               | 0,1500 | 0,1500 | 0,0500 | 5           | 0,0500 | 0,0500     | 0    | 81           | 1125          | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 21-12-2018  | 39,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,3400     | 7    | 0            | 288           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 21-12-2018  | 40,0000        | C                 | EUR               | 0,1000 | 0,1000 | 0,0500 | 22          | 0,0500 | 0,0400     | 0    | 222          | 14737         | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 21-12-2018  | 40,0000        | P                 | EUR               | 8,0200 | 8,0200 | 7,1000 | 5           | 7,5500 | 8,3400     | 8    | 5            | 1423          | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 21-12-2018  | 41,0000        | C                 | EUR               | 0,0600 | 0,1500 | 0,0500 | 53          | 0,0500 | 0,0300     | 0    | 508          | 425           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 21-12-2018  | 41,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,3400     | 9    | 0            | 126           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 21-12-2018  | 42,0000        | C                 | EUR               | 0,0400 | 0,0400 | 0,0300 | 3           | 0,0300 | 0,0200     | 0    | 382          | 27            | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 21-12-2018  | 42,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,3400    | 10   | 0            | 9             | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 21-12-2018  | 44,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 144           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 21-12-2018  | 44,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,3400    | 12   | 0            | 0             | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 21-12-2018  | 45,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 356           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 21-12-2018  | 45,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,3400    | 13   | 0            | 88            | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 21-12-2018  | 46,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 21-12-2018  | 46,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,3400    | 14   | 0            | 0             | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 21-12-2018  | 50,0000        | C                 | EUR               | 0,0300 | 0,0300 | 0,0300 | 1           | 0,0300 | 0,0100     | 0    | 10           | 556           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 21-12-2018  | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,3400    | 18   | 0            | 431           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 21-12-2018  | 55,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 21-12-2018  | 55,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 23,3400    | 23   | 0            | 0             | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 18-1-2019   | 24,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,8500     | 8    | 0            | 0             |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name        | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open    | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|------------------------|-------------|----------------|-------------------|-------------------|---------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | PHI                       | Philips NV Koninklijke | 18-1-2019   | 30,0000        | P                 | EUR               | 0,8000  | 0,9700 | 0,6300 | 16          | 0,9300 | 0,9500     | 1    | 115          | 104           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 18-1-2019   | 31,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 1,9900     | 2    | 0            | 0             | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 18-1-2019   | 31,0000        | P                 | EUR               | 1,0500  | 1,2800 | 1,0500 | 2           | 1,2800 | 1,2900     | 1    | 3            | 3             | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 18-1-2019   | 32,0000        | C                 | EUR               | 1,9500  | 1,9500 | 1,3600 | 4           | 1,3600 | 1,4400     | 1    | 10           | 9             | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 18-1-2019   | 32,0000        | P                 | EUR               | 1,2100  | 1,6200 | 1,2100 | 6           | 1,6200 | 1,7400     | 2    | 90           | 89            | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 18-1-2019   | 33,0000        | C                 | EUR               | 1,5300  | 1,6000 | 1,2200 | 4           | 1,2200 | 1,0000     | 1    | 15           | 10            | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 18-1-2019   | 33,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 2,3100     | 2    | 0            | 0             | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 18-1-2019   | 34,0000        | C                 | EUR               | 1,0400  | 1,1200 | 0,6100 | 8           | 0,6500 | 0,6800     | 1    | 22           | 19            | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 18-1-2019   | 34,0000        | P                 | EUR               | 2,2900  | 2,2900 | 2,2900 | 1           | 2,2900 | 2,9800     | 3    | 1            | 1             | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 18-1-2019   | 35,0000        | C                 | EUR               | 0,7000  | 0,7000 | 0,4600 | 3           | 0,4600 | 0,4400     | 0    | 7            | 7             | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 18-1-2019   | 35,0000        | P                 | EUR               | 3,5800  | 3,5800 | 3,5800 | 1           | 3,5800 | 3,7500     | 4    | 4            | 4             | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 18-1-2019   | 36,0000        | C                 | EUR               | 0,4800  | 0,5100 | 0,2800 | 5           | 0,2800 | 0,2800     | 0    | 32           | 32            | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 18-1-2019   | 36,0000        | P                 | EUR               | 3,5700  | 3,5700 | 3,5700 | 1           | 3,5700 | 4,6000     | 5    | 1            | 1             | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 18-1-2019   | 38,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     | 0    | 0            | 0             | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 18-1-2019   | 38,0000        | P                 | EUR               | 5,7000  | 5,7000 | 5,7000 | 1           | 5,7000 | 6,4500     | 6    | 3            | 3             | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 18-1-2019   | 40,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 0            | 0             | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 18-1-2019   | 40,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 8,4000     | 8    | 0            | 0             | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 18-1-2019   | 42,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 0             | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 18-1-2019   | 42,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 10,3400    | 10   | 0            | 0             | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 15-3-2019   | 24,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 7,9400     | 8    | 0            | 216           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 15-3-2019   | 24,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,2500     | 0    | 0            | 171           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 15-3-2019   | 26,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 6,1300     | 6    | 0            | 93            | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 15-3-2019   | 26,0000        | P                 | EUR               | 0,3600  | 0,3600 | 0,3400 | 2           | 0,3400 | 0,4400     | 0    | 26           | 271           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 15-3-2019   | 28,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 4,4500     | 4    | 0            | 64            | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 15-3-2019   | 28,0000        | P                 | EUR               | 0,6500  | 0,7900 | 0,6000 | 10          | 0,7900 | 0,7600     | 1    | 60           | 232           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 15-3-2019   | 29,0000        | C                 | EUR               | 4,0100  | 4,2400 | 3,6400 | 4           | 3,6400 | 3,6900     | 4    | 9            | 11            | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 15-3-2019   | 29,0000        | P                 | EUR               | 0,7800  | 1,0300 | 0,7200 | 8           | 1,0300 | 1,0000     | 1    | 54           | 198           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 15-3-2019   | 30,0000        | C                 | EUR               | 3,3000  | 3,8400 | 2,8200 | 21          | 2,8500 | 3,0000     | 3    | 128          | 652           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 15-3-2019   | 30,0000        | P                 | EUR               | 1,0500  | 1,3700 | 0,9900 | 26          | 1,3700 | 1,3000     | 1    | 225          | 496           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 15-3-2019   | 32,0000        | C                 | EUR               | 2,4000  | 2,5300 | 1,7500 | 21          | 1,8500 | 1,8300     | 2    | 156          | 631           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 15-3-2019   | 32,0000        | P                 | EUR               | 1,7000  | 2,2500 | 1,6100 | 28          | 2,2200 | 2,1600     | 2    | 173          | 812           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 15-3-2019   | 34,0000        | C                 | EUR               | 1,4600  | 1,5500 | 0,9500 | 33          | 1,0200 | 1,0300     | 1    | 158          | 676           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 15-3-2019   | 34,0000        | P                 | EUR               | 2,6600  | 3,3000 | 2,5900 | 13          | 3,3000 | 3,3500     | 3    | 59           | 930           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 15-3-2019   | 36,0000        | C                 | EUR               | 1,0600  | 1,0600 | 0,5000 | 25          | 0,5400 | 0,5500     | 1    | 137          | 556           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 15-3-2019   | 36,0000        | P                 | EUR               | 4,5700  | 4,5700 | 4,2800 | 4           | 4,2900 | 4,8900     | 5    | 28           | 467           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 15-3-2019   | 38,0000        | C                 | EUR               | 0,4300  | 0,4300 | 0,2700 | 29          | 0,2700 | 0,2900     | 0    | 178          | 992           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 15-3-2019   | 38,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 6,6100     | 7    | 0            | 1774          | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 15-3-2019   | 40,0000        | C                 | EUR               | 15,2000 | 0,2400 | 0,1700 | 15          | 0,1700 | 0,1600     | 0    | 221          | 7557          | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 15-3-2019   | 40,0000        | P                 | EUR               | 7,4000  | 8,6500 | 7,4000 | 2           | 8,6500 | 8,5100     | 9    | 20           | 336           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 15-3-2019   | 42,0000        | C                 | EUR               | 0,1100  | 0,1100 | 0,1100 | 1           | 0,1100 | 0,1000     | 0    | 2            | 675           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 15-3-2019   | 42,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 10,4500    | 10   | 0            | 18            | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 15-3-2019   | 45,0000        | C                 | EUR               | 0,0500  | 0,0500 | 0,0500 | 1           | 0,0500 | 0,0400     | 0    | 1            | 369           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 15-3-2019   | 45,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 13,3900    | 13   | 0            | 141           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 15-3-2019   | 50,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 104           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 15-3-2019   | 50,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 18,3900    | 18   | 0            | 248           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 15-3-2019   | 55,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 15-3-2019   | 55,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 23,3900    | 23   | 0            | 30            | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 21-6-2019   | 22,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 9,9000     | 10   | 0            | 0             | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 21-6-2019   | 22,0000        | P                 | EUR               | 0,2500  | 0,2500 | 0,2400 | 2           | 0,2400 | 0,3100     | 0    | 37           | 37            | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 21-6-2019   | 24,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 8,0400     | 8    | 0            | 0             | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 21-6-2019   | 24,0000        | P                 | EUR               | 0,5400  | 0,5400 | 0,5400 | 1           | 0,5400 | 0,5100     | 1    | 2            | 2             | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 21-6-2019   | 25,0000        | C                 | EUR               | 6,9800  | 6,9800 | 6,9800 | 2           | 6,9800 | 7,1400     | 7    | 3            | 127           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 21-6-2019   | 25,0000        | P                 | EUR               | 0,4900  | 0,4900 | 0,4900 | 1           | 0,4900 | 0,6500     | 1    | 1            | 1864          | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 21-6-2019   | 26,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 6,2800     | 6    | 0            | 80            | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 21-6-2019   | 26,0000        | P                 | EUR               | 0,6600  | 0,8600 | 0,6600 | 10          | 0,8600 | 0,8400     | 1    | 40           | 55            | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 21-6-2019   | 28,0000        | C                 | EUR               | 5,2600  | 5,2600 | 4,5200 | 5           | 4,5200 | 4,6700     | 5    | 54           | 53            | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 21-6-2019   | 28,0000        | P                 | EUR               | 1,1700  | 1,3700 | 1,0300 | 15          | 1,3600 | 1,3300     | 1    | 96           | 2680          | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 21-6-2019   | 30,0000        | C                 | EUR               | 4,1500  | 4,1500 | 3,2000 | 3           | 3,2000 | 3,2700     | 3    | 3            | 703           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 21-6-2019   | 30,0000        | P                 | EUR               | 1,6700  | 2,1200 | 1,6700 | 18          | 2,1200 | 2,0500     | 2    | 114          | 1446          | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 21-6-2019   | 32,0000        | C                 | EUR               | 2,6000  | 2,6000 | 2,1400 | 2           | 2,1400 | 2,1600     | 2    | 3            | 2             | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 21-6-2019   | 32,0000        | P                 | EUR               | 2,5000  | 3,1600 | 2,4700 | 9           | 3,1400 | 3,0600     | 3    | 308          | 308           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 21-6-2019   | 34,0000        | C                 | EUR               | 1,9400  | 1,9400 | 1,2600 | 22          | 1,2600 | 1,3400     | 1    | 83           | 280           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 21-6-2019   | 34,0000        | P                 | EUR               | 3,6200  | 4,3200 | 3,5500 | 8           | 4,3200 | 4,3300     | 4    | 68           | 333           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 21-6-2019   | 35,0000        | C                 | EUR               | 1,4500  | 1,4500 | 0,9800 | 10          | 0,9900 | 1,0500     | 1    | 39           | 1066          | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 21-6-2019   | 35,0000        | P                 | EUR               | 4,3200  | 5,2000 | 4,2000 | 9           | 5,1500 | 5,0800     | 5    | 108          | 2340          | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 21-6-2019   | 36,0000        | C                 | EUR               | 1,1800  | 1,1800 | 0,7600 | 8           | 0,7600 | 0,8100     | 1    | 62           | 262           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 21-6-2019   | 36,0000        | P                 | EUR               | 4,9400  | 5,2500 | 4,9300 | 6           | 5,2500 | 5,8600     | 6    | 91           | 388           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 21-6-2019   | 38,0000        | C                 | EUR               | 0,6200  | 0,6900 | 0,4500 | 11          | 0,4500 | 0,4700     | 0    | 80           | 763           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 21-6-2019   | 38,0000        | P                 | EUR               | 6,5400  | 7,7000 | 6,5400 | 6           | 7,7000 | 7,5800     | 8    | 11           | 630           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 21-6-2019   | 40,0000        | C                 | EUR               | 0,4000  | 0,4000 | 0,2700 | 18          | 0,2700 | 0,2700     | 0    | 159          | 2408          | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 21-6-2019   | 40,0000        | P                 | EUR               | 8,7500  | 8,7500 | 8,7500 | 2           | 8,7500 | 9,4100     | 9    | 65           | 246           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 21-6-2019   | 42,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,1700     | 0    | 0            | 205           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 21-6-2019   | 42,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 11,3100    | 11   | 0            | 1             | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 21-6-2019   | 45,0000        | C                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     | 0    | 0            | 504           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 21-6-2019   | 45,0000        | P                 | EUR               | 0,0000  | 0,0000 | 0,0000 | -           | 0,0000 | 14,2500    | 14   | 0            | 315           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke | 21-6-2019   | 50,0000        | C                 | EUR               | 0,0500  | 0,0500 | 0,0500 | 1           |        |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name        | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open    | High    | Low     | Trade Count | Close   | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|------------------------|-------------|----------------|-------------------|-------------------|---------|---------|---------|-------------|---------|------------|------|--------------|---------------|--------------------|
| O                | PHI                       | Philips NV Koninklijke | 20-9-2019   | 28,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,8100     |      | 5            | 0             | 40 22-10-2018      |
| O                | PHI                       | Philips NV Koninklijke | 20-9-2019   | 28,0000        | P                 | EUR               | 1,4000  | 1,6800  | 1,4000  | 2           | 1,6800  | 1,6200     |      | 2            | 3             | 97 22-10-2018      |
| O                | PHI                       | Philips NV Koninklijke | 20-9-2019   | 30,0000        | C                 | EUR               | 4,0000  | 4,0000  | 3,3300  | 11          | 3,4500  | 3,4600     |      | 3            | 86            | 105 22-10-2018     |
| O                | PHI                       | Philips NV Koninklijke | 20-9-2019   | 30,0000        | P                 | EUR               | 2,0000  | 2,4700  | 2,0000  | 5           | 2,3700  | 2,3900     |      | 2            | 15            | 26 22-10-2018      |
| O                | PHI                       | Philips NV Koninklijke | 20-9-2019   | 32,0000        | C                 | EUR               | 2,8500  | 2,8500  | 2,2700  | 5           | 2,3700  | 2,3900     |      | 2            | 29            | 29 22-10-2018      |
| O                | PHI                       | Philips NV Koninklijke | 20-9-2019   | 32,0000        | P                 | EUR               | 2,8500  | 3,5000  | 2,8100  | 11          | 3,4600  | 3,4200     |      | 3            | 14            | 16 22-10-2018      |
| O                | PHI                       | Philips NV Koninklijke | 20-9-2019   | 34,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,5700     |      | 2            | 0             | 3 22-10-2018       |
| O                | PHI                       | Philips NV Koninklijke | 20-9-2019   | 34,0000        | P                 | EUR               | 4,5900  | 4,5900  | 4,5900  | 1           | 4,5900  | 4,6700     |      | 5            | 3             | 4 22-10-2018       |
| O                | PHI                       | Philips NV Koninklijke | 20-9-2019   | 35,0000        | C                 | EUR               | 1,6700  | 1,6700  | 1,5500  | 2           | 1,5500  | 1,2700     |      | 1            | 3             | 63 22-10-2018      |
| O                | PHI                       | Philips NV Koninklijke | 20-9-2019   | 35,0000        | P                 | EUR               | 4,6000  | 5,0000  | 4,6000  | 2           | 5,0000  | 5,3800     |      | 5            | 19            | 58 22-10-2018      |
| O                | PHI                       | Philips NV Koninklijke | 20-9-2019   | 36,0000        | C                 | EUR               | 1,0000  | 1,0000  | 1,0000  | 1           | 1,0000  | 1,0100     |      | 1            | 1             | 10 22-10-2018      |
| O                | PHI                       | Philips NV Koninklijke | 20-9-2019   | 36,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,1400     |      | 6            | 68            | 0 22-10-2018       |
| O                | PHI                       | Philips NV Koninklijke | 20-9-2019   | 38,0000        | C                 | EUR               | 0,8900  | 0,9400  | 0,6300  | 6           | 0,6400  | 0,6400     |      | 1            | 117           | 225 22-10-2018     |
| O                | PHI                       | Philips NV Koninklijke | 20-9-2019   | 38,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,7800     |      | 8            | 0             | 61 22-10-2018      |
| O                | PHI                       | Philips NV Koninklijke | 20-9-2019   | 40,0000        | C                 | EUR               | 0,6000  | 0,6000  | 0,4000  | 4           | 0,4000  | 0,4100     |      | 0            | 18            | 209 22-10-2018     |
| O                | PHI                       | Philips NV Koninklijke | 20-9-2019   | 40,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 9,5700     |      | 10           | 0             | 21 22-10-2018      |
| O                | PHI                       | Philips NV Koninklijke | 20-9-2019   | 42,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2600     |      | 0            | 0             | 195 22-10-2018     |
| O                | PHI                       | Philips NV Koninklijke | 20-9-2019   | 42,0000        | P                 | EUR               | 10,7000 | 10,7000 | 10,7000 | 1           | 10,7000 | 11,4300    |      | 11           | 20            | 32 22-10-2018      |
| O                | PHI                       | Philips NV Koninklijke | 20-9-2019   | 45,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1500     |      | 0            | 0             | 164 22-10-2018     |
| O                | PHI                       | Philips NV Koninklijke | 20-9-2019   | 45,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 14,3300    |      | 14           | 0             | 81 22-10-2018      |
| O                | PHI                       | Philips NV Koninklijke | 20-9-2019   | 50,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0600     |      | 0            | 0             | 1 22-10-2018       |
| O                | PHI                       | Philips NV Koninklijke | 20-9-2019   | 50,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 19,2700    |      | 19           | 0             | 0 22-10-2018       |
| O                | PHI                       | Philips NV Koninklijke | 20-9-2019   | 55,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0300     |      | 0            | 0             | 0 22-10-2018       |
| O                | PHI                       | Philips NV Koninklijke | 20-9-2019   | 55,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 24,2700    |      | 24           | 0             | 0 22-10-2018       |
| O                | PHI                       | Philips NV Koninklijke | 20-12-2019  | 10,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 21,7400    |      | 22           | 0             | 23 22-10-2018      |
| O                | PHI                       | Philips NV Koninklijke | 20-12-2019  | 10,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0300     |      | 0            | 0             | 285 22-10-2018     |
| O                | PHI                       | Philips NV Koninklijke | 20-12-2019  | 15,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 16,7600    |      | 17           | 0             | 20 22-10-2018      |
| O                | PHI                       | Philips NV Koninklijke | 20-12-2019  | 15,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1100     |      | 0            | 0             | 779 22-10-2018     |
| O                | PHI                       | Philips NV Koninklijke | 20-12-2019  | 20,0000        | C                 | EUR               | 12,8500 | 12,8500 | 12,8500 | 1           | 12,8500 | 11,8800    |      | 12           | 10            | 111 22-10-2018     |
| O                | PHI                       | Philips NV Koninklijke | 20-12-2019  | 20,0000        | P                 | EUR               | 0,3400  | 0,3400  | 0,3000  | 2           | 0,3000  | 0,3500     |      | 0            | 3             | 2249 22-10-2018    |
| O                | PHI                       | Philips NV Koninklijke | 20-12-2019  | 22,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,0000    |      | 10           | 0             | 53 22-10-2018      |
| O                | PHI                       | Philips NV Koninklijke | 20-12-2019  | 22,0000        | P                 | EUR               | 0,4500  | 0,4500  | 0,4500  | 1           | 0,4500  | 0,5400     |      | 1            | 1             | 6340 22-10-2018    |
| O                | PHI                       | Philips NV Koninklijke | 20-12-2019  | 24,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,1900     |      | 8            | 0             | 271 22-10-2018     |
| O                | PHI                       | Philips NV Koninklijke | 20-12-2019  | 24,0000        | P                 | EUR               | 0,7700  | 0,7700  | 0,7700  | 2           | 0,7700  | 0,8400     |      | 1            | 20            | 7192 22-10-2018    |
| O                | PHI                       | Philips NV Koninklijke | 20-12-2019  | 25,0000        | C                 | EUR               | 7,7000  | 7,7000  | 7,7000  | 1           | 7,7000  | 7,3300     |      | 7            | 10            | 65 22-10-2018      |
| O                | PHI                       | Philips NV Koninklijke | 20-12-2019  | 25,0000        | P                 | EUR               | 0,9000  | 1,0500  | 0,9000  | 6           | 1,0500  | 1,0500     |      | 1            | 35            | 1540 22-10-2018    |
| O                | PHI                       | Philips NV Koninklijke | 20-12-2019  | 26,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,5000     |      | 7            | 0             | 373 22-10-2018     |
| O                | PHI                       | Philips NV Koninklijke | 20-12-2019  | 26,0000        | P                 | EUR               | 1,1100  | 1,3200  | 1,1100  | 6           | 1,3100  | 1,2700     |      | 1            | 169           | 1393 22-10-2018    |
| O                | PHI                       | Philips NV Koninklijke | 20-12-2019  | 28,0000        | C                 | EUR               | 5,9500  | 5,9500  | 5,0000  | 7           | 5,0000  | 4,9900     |      | 5            | 11            | 2015 22-10-2018    |
| O                | PHI                       | Philips NV Koninklijke | 20-12-2019  | 28,0000        | P                 | EUR               | 1,7000  | 1,9000  | 1,7000  | 7           | 1,9000  | 1,8800     |      | 2            | 60            | 1881 22-10-2018    |
| O                | PHI                       | Philips NV Koninklijke | 20-12-2019  | 30,0000        | C                 | EUR               | 4,0000  | 4,6600  | 3,5000  | 34          | 3,7200  | 3,6800     |      | 4            | 141           | 2058 22-10-2018    |
| O                | PHI                       | Philips NV Koninklijke | 20-12-2019  | 30,0000        | P                 | EUR               | 2,6700  | 2,7000  | 2,2300  | 30          | 2,6800  | 2,6900     |      | 3            | 450           | 4602 22-10-2018    |
| O                | PHI                       | Philips NV Koninklijke | 20-12-2019  | 35,0000        | C                 | EUR               | 2,0500  | 2,0500  | 1,4800  | 29          | 1,5200  | 1,5200     |      | 2            | 244           | 6059 22-10-2018    |
| O                | PHI                       | Philips NV Koninklijke | 20-12-2019  | 35,0000        | P                 | EUR               | 4,8700  | 5,7500  | 4,8700  | 9           | 5,7500  | 5,6300     |      | 6            | 58            | 4063 22-10-2018    |
| O                | PHI                       | Philips NV Koninklijke | 20-12-2019  | 40,0000        | C                 | EUR               | 0,7300  | 0,7900  | 0,5300  | 49          | 0,5400  | 0,5800     |      | 1            | 427           | 2411 22-10-2018    |
| O                | PHI                       | Philips NV Koninklijke | 20-12-2019  | 40,0000        | P                 | EUR               | 9,5500  | 9,5500  | 9,2000  | 2           | 9,2000  | 9,7500     |      | 10           | 30            | 379 22-10-2018     |
| O                | PHI                       | Philips NV Koninklijke | 20-12-2019  | 45,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2200     |      | 0            | 0             | 408 22-10-2018     |
| O                | PHI                       | Philips NV Koninklijke | 20-12-2019  | 45,0000        | P                 | EUR               | 13,4000 | 13,4000 | 13,3000 | 2           | 13,3000 | 14,4300    |      | 14           | 2             | 5 22-10-2018       |
| O                | PHI                       | Philips NV Koninklijke | 20-12-2019  | 50,0000        | C                 | EUR               | 0,1400  | 0,1400  | 0,1200  | 4           | 0,1200  | 0,1000     |      | 0            | 67            | 166 22-10-2018     |
| O                | PHI                       | Philips NV Koninklijke | 20-12-2019  | 50,0000        | P                 | EUR               | 19,0500 | 19,0500 | 18,2000 | 2           | 18,2000 | 19,3500    |      | 19           | 15            | 117 22-10-2018     |
| O                | PHI                       | Philips NV Koninklijke | 19-6-2020   | 20,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 11,9300    |      | 12           | 0             | 0 22-10-2018       |
| O                | PHI                       | Philips NV Koninklijke | 19-6-2020   | 20,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,5500     |      | 1            | 0             | 0 22-10-2018       |
| O                | PHI                       | Philips NV Koninklijke | 19-6-2020   | 25,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,4300     |      | 7            | 0             | 117 22-10-2018     |
| O                | PHI                       | Philips NV Koninklijke | 19-6-2020   | 25,0000        | P                 | EUR               | 1,3000  | 1,3600  | 1,3000  | 2           | 1,3600  | 1,5100     |      | 2            | 6             | 31 22-10-2018      |
| O                | PHI                       | Philips NV Koninklijke | 19-6-2020   | 30,0000        | C                 | EUR               | 3,9700  | 4,0700  | 3,9700  | 2           | 4,0700  | 4,0300     |      | 4            | 4             | 4 22-10-2018       |
| O                | PHI                       | Philips NV Koninklijke | 19-6-2020   | 30,0000        | P                 | EUR               | 3,0500  | 3,0500  | 3,0500  | 1           | 3,0500  | 3,5000     |      | 4            | 1             | 219 22-10-2018     |
| O                | PHI                       | Philips NV Koninklijke | 19-6-2020   | 35,0000        | C                 | EUR               | 2,1400  | 2,2500  | 2,1400  | 3           | 2,2500  | 1,9100     |      | 2            | 48            | 57 22-10-2018      |
| O                | PHI                       | Philips NV Koninklijke | 19-6-2020   | 35,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,6300     |      | 7            | 0             | 22 22-10-2018      |
| O                | PHI                       | Philips NV Koninklijke | 19-6-2020   | 40,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,8500     |      | 1            | 0             | 97 22-10-2018      |
| O                | PHI                       | Philips NV Koninklijke | 19-6-2020   | 40,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,6800    |      | 11           | 0             | 2 22-10-2018       |
| O                | PHI                       | Philips NV Koninklijke | 19-6-2020   | 45,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3800     |      | 0            | 0             | 63 22-10-2018      |
| O                | PHI                       | Philips NV Koninklijke | 19-6-2020   | 45,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 15,2600    |      | 15           | 0             | 0 22-10-2018       |
| O                | PHI                       | Philips NV Koninklijke | 19-6-2020   | 50,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1800     |      | 0            | 0             | 23 22-10-2018      |
| O                | PHI                       | Philips NV Koninklijke | 19-6-2020   | 50,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 20,1300    |      | 20           | 0             | 4 22-10-2018       |
| O                | PHI                       | Philips NV Koninklijke | 18-12-2020  | 10,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 21,7400    |      | 22           | 0             | 1 22-10-2018       |
| O                | PHI                       | Philips NV Koninklijke | 18-12-2020  | 10,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0700     |      | 0            | 0             | 158 22-10-2018     |
| O                | PHI                       | Philips NV Koninklijke | 18-12-2020  | 15,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 16,7600    |      | 17           | 0             | 3 22-10-2018       |
| O                | PHI                       | Philips NV Koninklijke | 18-12-2020  | 15,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2400     |      | 0            | 0             | 170 22-10-2018     |
| O                | PHI                       | Philips NV Koninklijke | 18-12-2020  | 20,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 11,9200    |      | 12           | 0             | 65 22-10-2018      |
| O                | PHI                       | Philips NV Koninklijke | 18-12-2020  | 20,0000        | P                 | EUR               | 0,6800  | 0,7000  | 0,6800  | 2           | 0,7000  | 0,7300     |      | 1            | 2             | 2376 22-10-2018    |
| O                | PHI                       | Philips NV Koninklijke | 18-12-2020  | 22,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,0900    |      | 10           | 0             | 18 22-10-2018      |
| O                | PHI                       | Philips NV Koninklijke | 18-12-2020  | 22,0000        | P                 | EUR               | 1,0000  | 1,0000  | 1,0000  | 1           | 1,0000  | 1,0600     |      | 1            | 3             | 1235 22-10-2018    |
| O                | PHI                       | Philips NV Koninklijke | 18-12-2020  | 24,0000        | C                 | EUR               | 8,9000  | 8,9000  | 8,6000  | 3           | 8,6000  | 8,3800     |      | 8            | 11            | 62 22-10-2018      |
| O                | PHI                       | Philips NV Koninklijke | 18-12-2020  | 24,0000        | P                 | EUR               | 1,5600  | 1,5600  | 1,5500  | 3           | 1,5600  | 1,5400     |      | 2            | 3             | 686 22-10-2018     |
| O                | PHI                       | Philips NV Koninklijke | 18-12-2020  | 25,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,6000     |      | 8            | 0             | 82 22-10-2018      |
| O                | PHI                       | Philips NV Koninklijke | 18-12-2020  | 25,0000        | P                 |                   |         |         |         |             |         |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name                         | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open    | High    | Low     | Trade Count | Close   | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|---|-------------|----------------|-------------------|-------------------|---------|---------|---------|-------------|---------|------------|------|--------------|---------------|--------------------|
| O                | PHI                       | Philips NV Koninklijke                  | 18-12-2020  | 40,0000        | P                 | EUR               | 10,3500 | 10,5000 | 10,0500 | 6           | 10,5000 | 10,9400    | 11   | 15           | 293           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke                  | 18-12-2020  | 45,0000        | C                 | EUR               | 0,6100  | 0,7600  | 0,6000  | 8           | 0,6000  | 0,5300     | 1    | 49           | 124           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke                  | 18-12-2020  | 45,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 15,4400    | 15   | 0            | 0             | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke                  | 18-12-2020  | 50,0000        | C                 | EUR               | 0,3000  | 0,3500  | 0,3000  | 8           | 0,3500  | 0,2600     | 0    | 39           | 316           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke                  | 18-12-2020  | 50,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 20,2100    | 20   | 0            | 197           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke                  | 17-12-2021  | 15,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 16,7800    | 17   | 0            | 36            | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke                  | 17-12-2021  | 15,0000        | P                 | EUR               | 0,4000  | 0,4200  | 0,4000  | 2           | 0,4200  | 0,4000     | 0    | 3            | 373           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke                  | 17-12-2021  | 20,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 11,9700    | 12   | 0            | 194           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke                  | 17-12-2021  | 20,0000        | P                 | EUR               | 1,0500  | 1,1100  | 1,0500  | 4           | 1,1100  | 1,1500     | 1    | 4            | 469           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke                  | 17-12-2021  | 25,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,8200     | 8    | 0            | 330           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke                  | 17-12-2021  | 25,0000        | P                 | EUR               | 2,5700  | 2,5700  | 2,5700  | 1           | 2,5700  | 2,5900     | 3    | 3            | 244           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke                  | 17-12-2021  | 26,0000        | C                 | EUR               | 7,7000  | 7,7000  | 7,7000  | 1           | 7,7000  | 7,1100     | 7    | 3            | 188           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke                  | 17-12-2021  | 26,0000        | P                 | EUR               | 2,7300  | 2,7300  | 2,7300  | 1           | 2,7300  | 2,9900     | 3    | 1            | 179           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke                  | 17-12-2021  | 28,0000        | C                 | EUR               | 6,5000  | 6,7500  | 6,5000  | 6           | 6,5500  | 5,8900     | 6    | 9            | 172           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke                  | 17-12-2021  | 28,0000        | P                 | EUR               | 3,5500  | 3,9300  | 3,4800  | 12          | 3,9300  | 3,8700     | 4    | 15           | 2152          | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke                  | 17-12-2021  | 30,0000        | C                 | EUR               | 5,0000  | 5,1000  | 4,7000  | 3           | 4,7000  | 4,7600     | 5    | 12           | 636           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke                  | 17-12-2021  | 30,0000        | P                 | EUR               | 4,4300  | 4,9500  | 4,4300  | 8           | 4,9500  | 4,9300     | 5    | 59           | 286           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke                  | 17-12-2021  | 32,0000        | C                 | EUR               | 4,5100  | 4,6200  | 4,1000  | 4           | 4,1000  | 3,8900     | 4    | 111          | 612           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke                  | 17-12-2021  | 32,0000        | P                 | EUR               | 5,6500  | 6,0000  | 5,6000  | 3           | 6,0000  | 6,1300     | 6    | 9            | 2137          | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke                  | 17-12-2021  | 35,0000        | C                 | EUR               | 2,9500  | 3,4100  | 2,9500  | 13          | 2,9500  | 2,8200     | 3    | 224          | 572           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke                  | 17-12-2021  | 35,0000        | P                 | EUR               | 7,3000  | 7,3000  | 7,2500  | 2           | 7,2500  | 8,1200     | 8    | 11           | 603           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke                  | 17-12-2021  | 40,0000        | C                 | EUR               | 1,9700  | 1,9700  | 1,7500  | 11          | 1,7500  | 1,6200     | 2    | 42           | 606           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke                  | 17-12-2021  | 40,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,0500    | 12   | 0            | 379           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke                  | 17-12-2021  | 50,0000        | C                 | EUR               | 0,6800  | 0,6800  | 0,5700  | 11          | 0,5700  | 0,5000     | 1    | 32           | 288           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke                  | 17-12-2021  | 50,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 21,0300    | 21   | 0            | 129           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke                  | 17-12-2021  | 60,0000        | C                 | EUR               | 0,2400  | 0,2400  | 0,2400  | 1           | 0,2400  | 0,2200     | 0    | 10           | 20            | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke                  | 17-12-2021  | 60,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 30,7100    | 31   | 0            | 0             | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke                  | 16-12-2022  | 20,0000        | C                 | EUR               | 13,2500 | 13,2500 | 13,2500 | 1           | 13,2500 | 12,0400    | 12   | 1            | 44            | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke                  | 16-12-2022  | 20,0000        | P                 | EUR               | 1,5000  | 1,5500  | 1,4400  | 22          | 1,5400  | 1,5900     | 2    | 37           | 424           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke                  | 16-12-2022  | 24,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,7700     | 9    | 0            | 27            | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke                  | 16-12-2022  | 24,0000        | P                 | EUR               | 2,6000  | 2,7100  | 2,5700  | 7           | 2,7100  | 2,8800     | 3    | 59           | 214           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke                  | 16-12-2022  | 25,0000        | C                 | EUR               | 9,0500  | 9,0500  | 8,0500  | 2           | 8,0500  | 8,0700     | 8    | 21           | 171           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke                  | 16-12-2022  | 25,0000        | P                 | EUR               | 3,0300  | 3,3200  | 2,9500  | 27          | 3,3200  | 3,2800     | 3    | 96           | 366           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke                  | 16-12-2022  | 30,0000        | C                 | EUR               | 5,7500  | 6,0500  | 5,1000  | 27          | 5,2000  | 5,2000     | 5    | 110          | 266           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke                  | 16-12-2022  | 30,0000        | P                 | EUR               | 5,3900  | 5,8700  | 5,3400  | 16          | 5,8700  | 5,8000     | 6    | 50           | 548           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke                  | 16-12-2022  | 35,0000        | C                 | EUR               | 3,7500  | 3,8900  | 3,2900  | 12          | 3,2900  | 3,3100     | 3    | 57           | 729           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke                  | 16-12-2022  | 35,0000        | P                 | EUR               | 8,3500  | 8,7500  | 8,3500  | 6           | 8,7500  | 9,0800     | 9    | 41           | 2749          | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke                  | 16-12-2022  | 36,0000        | C                 | EUR               | 3,6000  | 3,6000  | 3,0000  | 14          | 3,0000  | 3,0000     | 3    | 36           | 115           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke                  | 16-12-2022  | 36,0000        | P                 | EUR               | 9,1000  | 9,1000  | 9,1000  | 1           | 9,1000  | 9,8200     | 10   | 13           | 54            | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke                  | 16-12-2022  | 40,0000        | C                 | EUR               | 2,4000  | 2,4900  | 1,9600  | 31          | 1,9600  | 2,0400     | 2    | 101          | 356           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke                  | 16-12-2022  | 40,0000        | P                 | EUR               | 12,5000 | 12,8000 | 12,3500 | 3           | 12,8000 | 12,9500    | 13   | 3            | 138           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke                  | 16-12-2022  | 50,0000        | C                 | EUR               | 0,8400  | 0,9600  | 0,7800  | 12          | 0,7800  | 0,7800     | 1    | 38           | 450           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke                  | 16-12-2022  | 50,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 21,7700    | 22   | 0            | 113           | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke                  | 16-12-2022  | 60,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3000     | 0    | 0            | 11            | 22-10-2018         |
| O                | PHI                       | Philips NV Koninklijke                  | 16-12-2022  | 60,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 31,3000    | 31   | 0            | 36            | 22-10-2018         |
| F                | PL6                       | Fuchs Petrolub AG - PREF - Stock Future | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 42,4284    | 42   | 0            | 0             | 22-10-2018         |
| F                | PL6                       | Fuchs Petrolub AG - PREF - Stock Future | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 42,4121    | 42   | 0            | 0             | 22-10-2018         |
| F                | PL6                       | Fuchs Petrolub AG - PREF - Stock Future | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 42,3991    | 42   | 0            | 0             | 22-10-2018         |
| F                | PL6                       | Fuchs Petrolub AG - PREF - Stock Future | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 42,3848    | 42   | 0            | 0             | 22-10-2018         |
| F                | PL6                       | Fuchs Petrolub AG - PREF - Stock Future | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 41,3676    | 41   | 0            | 0             | 22-10-2018         |
| F                | PL6                       | Fuchs Petrolub AG - PREF - Stock Future | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 41,3336    | 41   | 0            | 0             | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option                  | 16-11-2018  | 17,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,3000     | 4    | 0            | 0             | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option                  | 16-11-2018  | 17,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0600     | 0    | 2            | 22-10-2018    |                    |
| O                | PLT                       | Signify - Stock Option                  | 16-11-2018  | 18,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,3400     | 3    | 0            | 0             | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option                  | 16-11-2018  | 18,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1000     | 0    | 33           | 22-10-2018    |                    |
| O                | PLT                       | Signify - Stock Option                  | 16-11-2018  | 19,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,4400     | 2    | 0            | 0             | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option                  | 16-11-2018  | 19,0000        | P                 | EUR               | 0,2500  | 0,2500  | 0,2500  | 1           | 0,2500  | 0,2100     | 0    | 1            | 205           | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option                  | 16-11-2018  | 20,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,6400     | 2    | 0            | 62            | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option                  | 16-11-2018  | 20,0000        | P                 | EUR               | 0,5000  | 0,5000  | 0,4400  | 2           | 0,4400  | 0,4100     | 0    | 2            | 516           | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option                  | 16-11-2018  | 20,5000        | C                 | EUR               | 1,3000  | 1,3000  | 1,3000  | 1           | 1,3000  | 1,2900     | 1    | 2            | 50            | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option                  | 16-11-2018  | 20,5000        | P                 | EUR               | 0,5600  | 0,5600  | 0,5600  | 1           | 0,5600  | 0,5600     | 1    | 1            | 79            | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option                  | 16-11-2018  | 21,0000        | C                 | EUR               | 1,0400  | 1,0400  | 0,9600  | 2           | 0,9600  | 1,0000     | 1    | 7            | 165           | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option                  | 16-11-2018  | 21,0000        | P                 | EUR               | 0,8000  | 0,8500  | 0,8000  | 5           | 0,8500  | 0,7700     | 1    | 12           | 352           | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option                  | 16-11-2018  | 21,5000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,7400     | 1    | 0            | 60            | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option                  | 16-11-2018  | 21,5000        | P                 | EUR               | 1,0000  | 1,0000  | 1,0000  | 1           | 1,0000  | 1,0100     | 1    | 50           | 170           | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option                  | 16-11-2018  | 22,0000        | C                 | EUR               | 0,5300  | 0,5900  | 0,4500  | 11          | 0,5800  | 0,5400     | 1    | 53           | 244           | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option                  | 16-11-2018  | 22,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,3100     | 1    | 0            | 398           | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option                  | 16-11-2018  | 22,5000        | C                 | EUR               | 0,3500  | 0,4400  | 0,3500  | 2           | 0,4400  | 0,3900     | 0    | 5            | 152           | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option                  | 16-11-2018  | 22,5000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,6500     | 2    | 0            | 165           | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option                  | 16-11-2018  | 23,0000        | C                 | EUR               | 0,2300  | 0,2900  | 0,2200  | 6           | 0,2900  | 0,2700     | 0    | 23           | 99            | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option                  | 16-11-2018  | 23,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,0400     | 2    | 0            | 385           | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option                  | 16-11-2018  | 23,5000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1900     | 0    | 0            | 115           | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option                  | 16-11-2018  | 23,5000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,4500     | 2    | 0            | 281           | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option                  | 16-11-2018  | 24,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1200     | 0    | 0            | 209           | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option                  | 16-11-2018  | 24,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,8900     | 3    | 0            | 191           | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option                  | 16-11-2018  |                |                   |                   |         |         |         |             |         |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name        | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|------------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | PLT                       | Signify - Stock Option | 16-11-2018  | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 57            | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option | 16-11-2018  | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,7700     | 7    | 0            | 0             | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option | 16-11-2018  | 29,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option | 16-11-2018  | 29,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,7700     | 8    | 0            | 0             | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,2500     | 7    | 0            | 40            | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 3             | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,3100     | 5    | 0            | 0             | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     | 0    | 0            | 13            | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 17,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,3600     | 4    | 0            | 0             | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 17,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     | 0    | 0            | 0             | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4600     | 3    | 0            | 28            | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 18,0000        | P                 | EUR               | 0,2600 | 0,2600 | 0,2600 | 1           | 0,2600 | 0,2300     | 0    | 3            | 187           | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 19,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6100     | 3    | 0            | 8             | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 19,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3800     | 0    | 0            | 32            | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8800     | 2    | 0            | 58            | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 20,0000        | P                 | EUR               | 0,6500 | 0,6700 | 0,6400 | 3           | 0,6700 | 0,6500     | 1    | 12           | 150           | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 20,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5500     | 2    | 0            | 0             | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 20,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8200     | 1    | 0            | 0             | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 21,0000        | C                 | EUR               | 1,3400 | 1,3700 | 1,3400 | 2           | 1,3700 | 1,2600     | 1    | 31           | 36            | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 21,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0300     | 1    | 0            | 140           | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 21,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0200     | 1    | 0            | 8             | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 21,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2900     | 1    | 0            | 20            | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 22,0000        | C                 | EUR               | 0,8100 | 0,8100 | 0,8100 | 1           | 0,8100 | 0,8100     | 1    | 1            | 368           | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 22,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5800     | 2    | 0            | 619           | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 22,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6100     | 1    | 0            | 10            | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 22,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8900     | 2    | 0            | 115           | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 23,0000        | C                 | EUR               | 0,4800 | 0,4800 | 0,4800 | 1           | 0,4800 | 0,4700     | 0    | 1            | 131           | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 23,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2500     | 2    | 0            | 391           | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 23,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3600     | 0    | 0            | 172           | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 23,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6400     | 3    | 0            | 737           | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 24,0000        | C                 | EUR               | 0,2300 | 0,2800 | 0,2300 | 2           | 0,2800 | 0,2800     | 0    | 20           | 320           | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 24,0000        | P                 | EUR               | 3,0400 | 3,0400 | 3,0400 | 1           | 3,0400 | 3,0500     | 3    | 8            | 649           | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 24,5000        | C                 | EUR               | 0,2100 | 0,2100 | 0,2100 | 1           | 0,2100 | 0,2000     | 0    | 3            | 844           | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 24,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4800     | 3    | 0            | 1627          | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 25,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1500     | 0    | 0            | 603           | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 25,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9300     | 4    | 0            | 313           | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 25,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     | 0    | 0            | 51            | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 25,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,4000     | 4    | 0            | 84            | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 26,0000        | C                 | EUR               | 0,0900 | 0,0900 | 0,0800 | 2           | 0,0800 | 0,0700     | 0    | 4            | 272           | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 26,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,8400     | 5    | 0            | 419           | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 26,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     | 0    | 0            | 269           | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 26,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,3200     | 5    | 0            | 20            | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 27,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 478           | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 27,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,8000     | 6    | 0            | 354           | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 939           | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,7900     | 7    | 0            | 407           | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 29,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 307           | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 29,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,7800     | 8    | 0            | 129           | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 254           | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,7800     | 9    | 0            | 255           | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 32,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 131           | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 32,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,7800    | 11   | 0            | 181           | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 34,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 96            | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 34,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,7800    | 13   | 0            | 36            | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 2             | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,7900    | 19   | 0            | 23            | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 45,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option | 21-12-2018  | 45,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 23,7900    | 24   | 0            | 20            | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option | 18-1-2019   | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5200     | 4    | 0            | 0             | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option | 18-1-2019   | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3000     | 0    | 0            | 0             | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option | 18-1-2019   | 19,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7100     | 3    | 0            | 0             | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option | 18-1-2019   | 19,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4900     | 0    | 0            | 0             | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option | 18-1-2019   | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0000     | 2    | 0            | 0             | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option | 18-1-2019   | 20,0000        | P                 | EUR               | 0,7700 | 0,7700 | 0,7700 | 1           | 0,7700 | 0,7800     | 1    | 1            | 1             | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option | 18-1-2019   | 20,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6700     | 2    | 0            | 0             | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option | 18-1-2019   | 20,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9500     | 1    | 0            | 0             | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option | 18-1-2019   | 21,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3900     | 1    | 0            | 0             | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option | 18-1-2019   | 21,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1700     | 1    | 0            | 0             | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option | 18-1-2019   | 21,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1600     | 1    | 0            | 0             | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option | 18-1-2019   | 21,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4400     | 1    | 0            | 0             | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option | 18-1-2019   | 22,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9400     | 1    | 0            | 0             | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option | 18-1-2019   | 22,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7200     | 2    | 0            | 0             | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option | 18-1-2019   | 23,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6100     | 1    | 0            | 0             | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option | 18-1-2019   | 23,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3900     | 2    | 0            | 0             | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option | 18-1-2019   | 24,0000        | C                 | EUR               | 0,4000 | 0,4000 | 0,4000 | 1           | 0,4000 | 0,3800     | 0    | 1            | 1             | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option | 18-1-2019   | 24,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1600     | 3    | 0            | 0             | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option | 15-3-2019   | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 |             |        |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name             | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open    | High    | Low     | Trade Count | Close   | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|-----------------------------|-------------|----------------|-------------------|-------------------|---------|---------|---------|-------------|---------|------------|------|--------------|---------------|--------------------|
| O                | PLT                       | Signify - Stock Option      | 15-3-2019   | 21,000         | P                 | EUR               | 1,5300  | 1,5300  | 1,5300  | 1           | 1,5300  | 1,5800     |      | 2            | 3             | 107 22-10-2018     |
| O                | PLT                       | Signify - Stock Option      | 15-3-2019   | 22,000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,3400     |      | 1            | 0             | 153 22-10-2018     |
| O                | PLT                       | Signify - Stock Option      | 15-3-2019   | 22,000         | P                 | EUR               | 2,3000  | 2,3000  | 2,3000  | 1           | 2,3000  | 2,1300     |      | 2            | 2             | 210 22-10-2018     |
| O                | PLT                       | Signify - Stock Option      | 15-3-2019   | 23,000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,9700     |      | 1            | 0             | 146 22-10-2018     |
| O                | PLT                       | Signify - Stock Option      | 15-3-2019   | 23,000         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,7600     |      | 3            | 0             | 232 22-10-2018     |
| O                | PLT                       | Signify - Stock Option      | 15-3-2019   | 24,000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,6800     |      | 1            | 0             | 447 22-10-2018     |
| O                | PLT                       | Signify - Stock Option      | 15-3-2019   | 24,000         | P                 | EUR               | 3,4200  | 3,4200  | 3,4200  | 1           | 3,4200  | 3,4800     |      | 3            | 1             | 193 22-10-2018     |
| O                | PLT                       | Signify - Stock Option      | 15-3-2019   | 25,000         | C                 | EUR               | 0,4700  | 0,5100  | 0,4700  | 2           | 0,5100  | 0,4800     |      | 0            | 4             | 272 22-10-2018     |
| O                | PLT                       | Signify - Stock Option      | 15-3-2019   | 25,000         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,2800     |      | 4            | 0             | 343 22-10-2018     |
| O                | PLT                       | Signify - Stock Option      | 15-3-2019   | 26,000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3400     |      | 0            | 0             | 208 22-10-2018     |
| O                | PLT                       | Signify - Stock Option      | 15-3-2019   | 26,000         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,1300     |      | 5            | 0             | 258 22-10-2018     |
| O                | PLT                       | Signify - Stock Option      | 15-3-2019   | 27,000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2400     |      | 0            | 15            | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option      | 15-3-2019   | 27,000         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,0300     |      | 6            | 0             | 1 22-10-2018       |
| O                | PLT                       | Signify - Stock Option      | 15-3-2019   | 28,000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1700     |      | 0            | 0             | 236 22-10-2018     |
| O                | PLT                       | Signify - Stock Option      | 15-3-2019   | 28,000         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,9700     |      | 7            | 0             | 98 22-10-2018      |
| O                | PLT                       | Signify - Stock Option      | 15-3-2019   | 30,000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0900     |      | 0            | 0             | 93 22-10-2018      |
| O                | PLT                       | Signify - Stock Option      | 15-3-2019   | 30,000         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,8900     |      | 9            | 0             | 51 22-10-2018      |
| O                | PLT                       | Signify - Stock Option      | 15-3-2019   | 35,000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 0 22-10-2018       |
| O                | PLT                       | Signify - Stock Option      | 15-3-2019   | 35,000         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 13,8200    |      | 14           | 0             | 0 22-10-2018       |
| O                | PLT                       | Signify - Stock Option      | 21-6-2019   | 14,000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,3500     |      | 7            | 0             | 10 22-10-2018      |
| O                | PLT                       | Signify - Stock Option      | 21-6-2019   | 14,000         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3000     |      | 0            | 0             | 266 22-10-2018     |
| O                | PLT                       | Signify - Stock Option      | 21-6-2019   | 16,000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,5700     |      | 6            | 0             | 3 22-10-2018       |
| O                | PLT                       | Signify - Stock Option      | 21-6-2019   | 16,000         | P                 | EUR               | 0,6400  | 0,6400  | 0,6400  | 1           | 0,6400  | 0,6600     |      | 1            | 1             | 452 22-10-2018     |
| O                | PLT                       | Signify - Stock Option      | 21-6-2019   | 18,000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,9800     |      | 4            | 0             | 21 22-10-2018      |
| O                | PLT                       | Signify - Stock Option      | 21-6-2019   | 18,000         | P                 | EUR               | 1,3000  | 1,3500  | 1,1900  | 5           | 1,1900  | 1,2300     |      | 1            | 5             | 68 22-10-2018      |
| O                | PLT                       | Signify - Stock Option      | 21-6-2019   | 20,000         | C                 | EUR               | 2,5800  | 2,5800  | 2,5800  | 1           | 2,5800  | 2,6600     |      | 3            | 5             | 30 22-10-2018      |
| O                | PLT                       | Signify - Stock Option      | 21-6-2019   | 20,000         | P                 | EUR               | 2,0700  | 2,2200  | 2,0300  | 6           | 2,0300  | 2,0900     |      | 2            | 9             | 106 22-10-2018     |
| O                | PLT                       | Signify - Stock Option      | 21-6-2019   | 21,000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,1200     |      | 2            | 0             | 11 22-10-2018      |
| O                | PLT                       | Signify - Stock Option      | 21-6-2019   | 21,000         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,6300     |      | 3            | 0             | 19 22-10-2018      |
| O                | PLT                       | Signify - Stock Option      | 21-6-2019   | 22,000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,6600     |      | 2            | 0             | 173 22-10-2018     |
| O                | PLT                       | Signify - Stock Option      | 21-6-2019   | 22,000         | P                 | EUR               | 3,2000  | 3,2000  | 3,1800  | 2           | 3,1800  | 3,2300     |      | 3            | 9             | 110 22-10-2018     |
| O                | PLT                       | Signify - Stock Option      | 21-6-2019   | 23,000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,2700     |      | 1            | 0             | 8 22-10-2018       |
| O                | PLT                       | Signify - Stock Option      | 21-6-2019   | 23,000         | P                 | EUR               | 3,9100  | 3,9100  | 3,9100  | 1           | 3,9100  | 3,9000     |      | 4            | 1             | 39 22-10-2018      |
| O                | PLT                       | Signify - Stock Option      | 21-6-2019   | 24,000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,9600     |      | 1            | 0             | 26 22-10-2018      |
| O                | PLT                       | Signify - Stock Option      | 21-6-2019   | 24,000         | P                 | EUR               | 4,6500  | 4,6500  | 4,6500  | 1           | 4,6500  | 4,6300     |      | 5            | 10            | 97 22-10-2018      |
| O                | PLT                       | Signify - Stock Option      | 21-6-2019   | 25,000         | C                 | EUR               | 0,7200  | 0,7400  | 0,7200  | 2           | 0,7400  | 0,7200     |      | 2            | 1             | 148 22-10-2018     |
| O                | PLT                       | Signify - Stock Option      | 21-6-2019   | 25,000         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,4300     |      | 0            | 32            | 22-10-2018         |
| O                | PLT                       | Signify - Stock Option      | 21-6-2019   | 26,000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,5400     |      | 1            | 0             | 46 22-10-2018      |
| O                | PLT                       | Signify - Stock Option      | 21-6-2019   | 26,000         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,2900     |      | 6            | 0             | 37 22-10-2018      |
| O                | PLT                       | Signify - Stock Option      | 21-6-2019   | 28,000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3100     |      | 0            | 0             | 40 22-10-2018      |
| O                | PLT                       | Signify - Stock Option      | 21-6-2019   | 28,000         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,0900     |      | 8            | 0             | 174 22-10-2018     |
| O                | PLT                       | Signify - Stock Option      | 21-6-2019   | 30,000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1700     |      | 0            | 0             | 10 22-10-2018      |
| O                | PLT                       | Signify - Stock Option      | 21-6-2019   | 30,000         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 9,9800     |      | 10           | 0             | 97 22-10-2018      |
| O                | PLT                       | Signify - Stock Option      | 21-6-2019   | 35,000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0400     |      | 0            | 0             | 0 22-10-2018       |
| O                | PLT                       | Signify - Stock Option      | 21-6-2019   | 35,000         | P                 | EUR               | 15,2000 | 15,3000 | 14,9000 | 8           | 15,3000 | 14,8700    |      | 15           | 99            | 224 22-10-2018     |
| F                | PM6                       | Banco BPM - Stock Future    | 15-11-2018  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,6688     |      | 2            | 0             | 0 22-10-2018       |
| F                | PM6                       | Banco BPM - Stock Future    | 20-12-2018  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,6681     |      | 2            | 0             | 0 22-10-2018       |
| F                | PM6                       | Banco BPM - Stock Future    | 17-1-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,6676     |      | 2            | 0             | 0 22-10-2018       |
| F                | PM6                       | Banco BPM - Stock Future    | 14-3-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,6670     |      | 2            | 0             | 0 22-10-2018       |
| F                | PM6                       | Banco BPM - Stock Future    | 20-6-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,6156     |      | 2            | 0             | 0 22-10-2018       |
| F                | PM6                       | Banco BPM - Stock Future    | 19-9-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,6143     |      | 2            | 0             | 0 22-10-2018       |
| F                | PM8                       | Banco BPM - Dividend Future | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0500     |      | 0            | 0             | 0 22-10-2018       |
| F                | PM8                       | Banco BPM - Dividend Future | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1000     |      | 0            | 0             | 0 22-10-2018       |
| F                | PM8                       | Banco BPM - Dividend Future | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1500     |      | 0            | 0             | 0 22-10-2018       |
| F                | PM8                       | Banco BPM - Dividend Future | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1500     |      | 0            | 0             | 0 22-10-2018       |
| F                | PM8                       | Banco BPM - Dividend Future | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1500     |      | 0            | 0             | 0 22-10-2018       |
| F                | PN6                       | Postnl NV - Stock Future    | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,5373     |      | 3            | 0             | 0 22-10-2018       |
| F                | PN6                       | Postnl NV - Stock Future    | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,5363     |      | 3            | 0             | 40000 22-10-2018   |
| F                | PN6                       | Postnl NV - Stock Future    | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,5356     |      | 3            | 0             | 0 22-10-2018       |
| F                | PN6                       | Postnl NV - Stock Future    | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,5347     |      | 3            | 0             | 0 22-10-2018       |
| F                | PN6                       | Postnl NV - Stock Future    | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,4175     |      | 2            | 0             | 0 22-10-2018       |
| F                | PN6                       | Postnl NV - Stock Future    | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,3656     |      | 2            | 0             | 0 22-10-2018       |
| O                | PNL                       | PostNL N.V Stnd Option      | 16-11-2018  | 1,8000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,7400     |      | 1            | 0             | 0 22-10-2018       |
| O                | PNL                       | PostNL N.V Stnd Option      | 16-11-2018  | 1,8000         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 0 22-10-2018       |
| O                | PNL                       | PostNL N.V Stnd Option      | 16-11-2018  | 2,0000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,5400     |      | 1            | 0             | 0 22-10-2018       |
| O                | PNL                       | PostNL N.V Stnd Option      | 16-11-2018  | 2,0000         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 13            | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option      | 16-11-2018  | 2,2000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3700     |      | 0            | 0             | 0 22-10-2018       |
| O                | PNL                       | PostNL N.V Stnd Option      | 16-11-2018  | 2,2000         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0300     |      | 0            | 15            | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option      | 16-11-2018  | 2,3000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2800     |      | 0            | 0             | 0 22-10-2018       |
| O                | PNL                       | PostNL N.V Stnd Option      | 16-11-2018  | 2,3000         | P                 | EUR               | 0,0400  | 0,0400  | 0,0400  | 1           | 0,0400  | 0,0400     |      | 0            | 1             | 1 22-10-2018       |
| O                | PNL                       | PostNL N.V Stnd Option      | 16-11-2018  | 2,4000         | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2100     |      | 0            | 0             | 10 22-10-2018      |
| O                | PNL                       | PostNL N.V Stnd Option      | 16-11-2018  | 2,4000         | P                 | EUR               | 0,0700  | 0,0700  | 0,0700  | 2           | 0,0700  | 0,0700     |      | 0            | 3             | 780 22-10-2018     |
| O                | PNL                       | PostNL N.V Stnd Option      | 16-11-2018  | 2,5000         | C                 | EUR               | 0,1500  | 0,1500  | 0,1500  | 1           | 0,1500  | 0,1500     |      | 0            | 1             | 31 22-10-2018      |
| O                | PNL                       | PostNL N.V Stnd Option      | 16-11-2018  | 2,5000         | P                 | EUR               | 0,1100  | 0,1100  | 0,1100  | 4           | 0,1100  | 0,1100     |      | 0            | 4             | 784 22-10-2018     |
| O                | PNL                       | PostNL N.V Stnd Option      | 16-11-2018  | 2,6000         | C                 | EUR               | 0,1100  | 0,1100  | 0,0900  | 3           | 0,0900  | 0,1000     |      | 0            | 6             | 201 22-10-2018     |
| O                | PNL                       | PostNL N.V Stnd Option      | 16-11-2018  | 2,6000         | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1600     |      | 0            | 0             | 783 22-10-2018     |
| O                | PNL                       | PostNL N.V Stnd Option      | 16-11-2018  | 2,7000         | C                 | EUR               | 0,0700  | 0,0700  | 0,0700  | 2           | 0,0700  | 0,0700     |      | 0            | 11            | 364 22-10-2018     |
| O                | PNL                       | PostNL N.V Stnd             |             |                |                   |                   |         |         |         |             |         |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name        | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|------------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | PNL                       | PostNL N.V Stnd Option | 16-11-2018  | 3,1000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5800     |      | 1            | 0             | 106 22-10-2018     |
| O                | PNL                       | PostNL N.V Stnd Option | 16-11-2018  | 3,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 1801 22-10-2018    |
| O                | PNL                       | PostNL N.V Stnd Option | 16-11-2018  | 3,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6700     |      | 1            | 0             | 2337 22-10-2018    |
| O                | PNL                       | PostNL N.V Stnd Option | 16-11-2018  | 3,3000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 137 22-10-2018     |
| O                | PNL                       | PostNL N.V Stnd Option | 16-11-2018  | 3,3000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7700     |      | 1            | 0             | 159 22-10-2018     |
| O                | PNL                       | PostNL N.V Stnd Option | 16-11-2018  | 3,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 1156 22-10-2018    |
| O                | PNL                       | PostNL N.V Stnd Option | 16-11-2018  | 3,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8700     |      | 1            | 0             | 378 22-10-2018     |
| O                | PNL                       | PostNL N.V Stnd Option | 16-11-2018  | 3,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 138 22-10-2018     |
| O                | PNL                       | PostNL N.V Stnd Option | 16-11-2018  | 3,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0600     |      | 1            | 0             | 40 22-10-2018      |
| O                | PNL                       | PostNL N.V Stnd Option | 16-11-2018  | 3,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0 22-10-2018       |
| O                | PNL                       | PostNL N.V Stnd Option | 16-11-2018  | 3,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2600     |      | 1            | 0             | 20 22-10-2018      |
| O                | PNL                       | PostNL N.V Stnd Option | 16-11-2018  | 4,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0 22-10-2018       |
| O                | PNL                       | PostNL N.V Stnd Option | 16-11-2018  | 4,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4600     |      | 1            | 0             | 0 22-10-2018       |
| O                | PNL                       | PostNL N.V Stnd Option | 21-12-2018  | 1,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0400     |      | 1            | 0             | 2 22-10-2018       |
| O                | PNL                       | PostNL N.V Stnd Option | 21-12-2018  | 1,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0 22-10-2018       |
| O                | PNL                       | PostNL N.V Stnd Option | 21-12-2018  | 1,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7500     |      | 1            | 0             | 0 22-10-2018       |
| O                | PNL                       | PostNL N.V Stnd Option | 21-12-2018  | 1,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0 22-10-2018       |
| O                | PNL                       | PostNL N.V Stnd Option | 21-12-2018  | 2,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5700     |      | 1            | 0             | 2134 22-10-2018    |
| O                | PNL                       | PostNL N.V Stnd Option | 21-12-2018  | 2,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     |      | 0            | 0             | 90 22-10-2018      |
| O                | PNL                       | PostNL N.V Stnd Option | 21-12-2018  | 2,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3900     |      | 0            | 0             | 9 22-10-2018       |
| O                | PNL                       | PostNL N.V Stnd Option | 21-12-2018  | 2,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     |      | 0            | 0             | 195 22-10-2018     |
| O                | PNL                       | PostNL N.V Stnd Option | 21-12-2018  | 2,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2500     |      | 0            | 0             | 413 22-10-2018     |
| O                | PNL                       | PostNL N.V Stnd Option | 21-12-2018  | 2,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     |      | 0            | 0             | 812 22-10-2018     |
| O                | PNL                       | PostNL N.V Stnd Option | 21-12-2018  | 2,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1900     |      | 0            | 0             | 216 22-10-2018     |
| O                | PNL                       | PostNL N.V Stnd Option | 21-12-2018  | 2,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1500     |      | 0            | 0             | 319 22-10-2018     |
| O                | PNL                       | PostNL N.V Stnd Option | 21-12-2018  | 2,6000         | C                 | EUR               | 0,1500 | 0,1500 | 0,1500 | 1           | 0,1500 | 0,1400     |      | 9            | 1199          | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option | 21-12-2018  | 2,6000         | P                 | EUR               | 0,2000 | 0,2000 | 0,2000 | 1           | 0,2000 | 0,2000     |      | 0            | 5             | 637 22-10-2018     |
| O                | PNL                       | PostNL N.V Stnd Option | 21-12-2018  | 2,7000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1000     |      | 0            | 0             | 623 22-10-2018     |
| O                | PNL                       | PostNL N.V Stnd Option | 21-12-2018  | 2,7000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2600     |      | 0            | 0             | 175 22-10-2018     |
| O                | PNL                       | PostNL N.V Stnd Option | 21-12-2018  | 2,8000         | C                 | EUR               | 0,0800 | 0,0800 | 0,0800 | 2           | 0,0800 | 0,0800     |      | 6            | 2145          | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option | 21-12-2018  | 2,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3400     |      | 0            | 0             | 2544 22-10-2018    |
| O                | PNL                       | PostNL N.V Stnd Option | 21-12-2018  | 2,9000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     |      | 0            | 0             | 624 22-10-2018     |
| O                | PNL                       | PostNL N.V Stnd Option | 21-12-2018  | 2,9000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4300     |      | 0            | 0             | 5 22-10-2018       |
| O                | PNL                       | PostNL N.V Stnd Option | 21-12-2018  | 3,0000         | C                 | EUR               | 0,0400 | 0,0400 | 0,0400 | 1           | 0,0400 | 0,0500     |      | 0            | 1             | 9347 22-10-2018    |
| O                | PNL                       | PostNL N.V Stnd Option | 21-12-2018  | 3,0000         | P                 | EUR               | 0,5500 | 0,5500 | 0,5500 | 1           | 0,5500 | 0,5100     |      | 1            | 4             | 7025 22-10-2018    |
| O                | PNL                       | PostNL N.V Stnd Option | 21-12-2018  | 3,1000         | C                 | EUR               | 0,0400 | 0,0400 | 0,0400 | 1           | 0,0400 | 0,0400     |      | 0            | 10            | 177 22-10-2018     |
| O                | PNL                       | PostNL N.V Stnd Option | 21-12-2018  | 3,1000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6000     |      | 1            | 0             | 241 22-10-2018     |
| O                | PNL                       | PostNL N.V Stnd Option | 21-12-2018  | 3,2000         | C                 | EUR               | 0,0300 | 0,0300 | 0,0300 | 1           | 0,0300 | 0,0300     |      | 0            | 1             | 4356 22-10-2018    |
| O                | PNL                       | PostNL N.V Stnd Option | 21-12-2018  | 3,2000         | P                 | EUR               | 0,7000 | 0,7000 | 0,7000 | 1           | 0,7000 | 0,7000     |      | 1            | 1             | 3972 22-10-2018    |
| O                | PNL                       | PostNL N.V Stnd Option | 21-12-2018  | 3,3000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     |      | 0            | 0             | 108 22-10-2018     |
| O                | PNL                       | PostNL N.V Stnd Option | 21-12-2018  | 3,3000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7900     |      | 1            | 0             | 0 22-10-2018       |
| O                | PNL                       | PostNL N.V Stnd Option | 21-12-2018  | 3,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 0             | 7621 22-10-2018    |
| O                | PNL                       | PostNL N.V Stnd Option | 21-12-2018  | 3,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8900     |      | 1            | 0             | 4169 22-10-2018    |
| O                | PNL                       | PostNL N.V Stnd Option | 21-12-2018  | 3,5000         | C                 | EUR               | 0,0200 | 0,0200 | 0,0200 | 1           | 0,0200 | 0,0200     |      | 0            | 10            | 7277 22-10-2018    |
| O                | PNL                       | PostNL N.V Stnd Option | 21-12-2018  | 3,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9800     |      | 1            | 0             | 9105 22-10-2018    |
| O                | PNL                       | PostNL N.V Stnd Option | 21-12-2018  | 3,6000         | C                 | EUR               | 0,0200 | 0,0200 | 0,0200 | 1           | 0,0200 | 0,0200     |      | 0            | 20            | 769 22-10-2018     |
| O                | PNL                       | PostNL N.V Stnd Option | 21-12-2018  | 3,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0800     |      | 1            | 0             | 1381 22-10-2018    |
| O                | PNL                       | PostNL N.V Stnd Option | 21-12-2018  | 3,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 2307 22-10-2018    |
| O                | PNL                       | PostNL N.V Stnd Option | 21-12-2018  | 3,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2800     |      | 1            | 0             | 2064 22-10-2018    |
| O                | PNL                       | PostNL N.V Stnd Option | 21-12-2018  | 4,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 6061 22-10-2018    |
| O                | PNL                       | PostNL N.V Stnd Option | 21-12-2018  | 4,0000         | P                 | EUR               | 1,5000 | 1,5000 | 1,5000 | 1           | 1,5000 | 1,4700     |      | 1            | 1             | 4662 22-10-2018    |
| O                | PNL                       | PostNL N.V Stnd Option | 21-12-2018  | 4,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 633 22-10-2018     |
| O                | PNL                       | PostNL N.V Stnd Option | 21-12-2018  | 4,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6700     |      | 2            | 0             | 678 22-10-2018     |
| O                | PNL                       | PostNL N.V Stnd Option | 21-12-2018  | 4,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 174 22-10-2018     |
| O                | PNL                       | PostNL N.V Stnd Option | 21-12-2018  | 4,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8700     |      | 2            | 0             | 148 22-10-2018     |
| O                | PNL                       | PostNL N.V Stnd Option | 21-12-2018  | 4,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 1755 22-10-2018    |
| O                | PNL                       | PostNL N.V Stnd Option | 21-12-2018  | 4,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9700     |      | 2            | 0             | 2188 22-10-2018    |
| O                | PNL                       | PostNL N.V Stnd Option | 21-12-2018  | 5,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 3097 22-10-2018    |
| O                | PNL                       | PostNL N.V Stnd Option | 21-12-2018  | 5,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4700     |      | 2            | 0             | 863 22-10-2018     |
| O                | PNL                       | PostNL N.V Stnd Option | 21-12-2018  | 6,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 647 22-10-2018     |
| O                | PNL                       | PostNL N.V Stnd Option | 21-12-2018  | 6,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4700     |      | 3            | 0             | 980 22-10-2018     |
| O                | PNL                       | PostNL N.V Stnd Option | 18-1-2019   | 1,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7500     |      | 1            | 0             | 0 22-10-2018       |
| O                | PNL                       | PostNL N.V Stnd Option | 18-1-2019   | 1,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0 22-10-2018       |
| O                | PNL                       | PostNL N.V Stnd Option | 18-1-2019   | 2,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5700     |      | 1            | 0             | 0 22-10-2018       |
| O                | PNL                       | PostNL N.V Stnd Option | 18-1-2019   | 2,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     |      | 0            | 0             | 0 22-10-2018       |
| O                | PNL                       | PostNL N.V Stnd Option | 18-1-2019   | 2,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4000     |      | 0            | 0             | 0 22-10-2018       |
| O                | PNL                       | PostNL N.V Stnd Option | 18-1-2019   | 2,2000         | P                 | EUR               | 0,0800 | 0,0800 | 0,0800 | 2           | 0,0800 | 0,0600     |      | 0            | 15            | 15 22-10-2018      |
| O                | PNL                       | PostNL N.V Stnd Option | 18-1-2019   | 2,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2700     |      | 0            | 0             | 0 22-10-2018       |
| O                | PNL                       | PostNL N.V Stnd Option | 18-1-2019   | 2,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     |      | 0            | 0             | 0 22-10-2018       |
| O                | PNL                       | PostNL N.V Stnd Option | 18-1-2019   | 2,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2000     |      | 0            | 0             | 0 22-10-2018       |
| O                | PNL                       | PostNL N.V Stnd Option | 18-1-2019   | 2,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1700     |      | 0            | 0             | 0 22-10-2018       |
| O                | PNL                       | PostNL N.V Stnd Option | 18-1-2019   | 2,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1600     |      | 0            | 0             | 0 22-10-2018       |
| O                | PNL                       | PostNL N.V Stnd Option | 18-1-2019   | 2,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2300     |      | 0            | 0             | 0 22-10-2018       |
| O                | PNL                       | PostNL N.V Stnd Option | 18-1-2019   | 2,7000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     |      | 0            | 0             | 0 22-10-2018       |
| O                | PNL                       | PostNL N.V Stnd Option | 18-1-2019   | 2,7000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2900     |      | 0            | 0             | 0 22-10-2018       |
| O                | PNL                       | PostNL N.V Stnd Option | 18-1-2019   | 2,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     |      | 0            | 0</           |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name        | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|------------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | PNL                       | PostNL N.V Stnd Option | 15-3-2019   | 2,0000         | C                 | EUR               | 0,6300 | 0,6300 | 0,6200 | 2           | 0,6200 | 0,6000     | 1    | 30           | 69            | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option | 15-3-2019   | 2,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 0            | 21            | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option | 15-3-2019   | 2,4000         | C                 | EUR               | 0,3400 | 0,3400 | 0,3400 | 1           | 0,3400 | 0,3100     | 0    | 10           | 47            | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option | 15-3-2019   | 2,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1800     | 0    | 0            | 592           | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option | 15-3-2019   | 2,5000         | C                 | EUR               | 0,2700 | 0,2700 | 0,2600 | 2           | 0,2600 | 0,2600     | 0    | 125          | 1785          | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option | 15-3-2019   | 2,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2300     | 0    | 0            | 1124          | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option | 15-3-2019   | 2,6000         | C                 | EUR               | 0,2100 | 0,2100 | 0,2100 | 1           | 0,2100 | 0,2200     | 0    | 4            | 431           | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option | 15-3-2019   | 2,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2800     | 0    | 0            | 414           | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option | 15-3-2019   | 2,8000         | C                 | EUR               | 0,1500 | 0,1500 | 0,1500 | 1           | 0,1500 | 0,1500     | 0    | 1            | 643           | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option | 15-3-2019   | 2,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4100     | 0    | 0            | 962           | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option | 15-3-2019   | 3,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1000     | 0    | 0            | 3523          | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option | 15-3-2019   | 3,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5700     | 1    | 0            | 1083          | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option | 15-3-2019   | 3,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     | 0    | 0            | 1241          | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option | 15-3-2019   | 3,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7400     | 1    | 0            | 1405          | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option | 15-3-2019   | 3,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 8705          | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option | 15-3-2019   | 3,4000         | P                 | EUR               | 0,9000 | 0,9000 | 0,9000 | 1           | 0,9000 | 0,9200     | 1    | 20           | 2036          | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option | 15-3-2019   | 3,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     | 0    | 0            | 3306          | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option | 15-3-2019   | 3,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1000     | 1    | 0            | 338           | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option | 15-3-2019   | 4,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 635           | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option | 15-3-2019   | 4,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4800     | 1    | 0            | 963           | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option | 15-3-2019   | 4,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 20            | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option | 15-3-2019   | 4,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9700     | 2    | 0            | 154           | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option | 15-3-2019   | 5,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option | 15-3-2019   | 5,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4700     | 2    | 0            | 2             | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option | 21-6-2019   | 1,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5400     | 2    | 0            | 0             | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option | 21-6-2019   | 1,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option | 21-6-2019   | 1,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0500     | 1    | 0            | 20            | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option | 21-6-2019   | 1,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     | 0    | 0            | 0             | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option | 21-6-2019   | 2,0000         | C                 | EUR               | 0,6500 | 0,6500 | 0,6500 | 2           | 0,6500 | 0,6100     | 1    | 2            | 5882          | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option | 21-6-2019   | 2,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     | 0    | 0            | 50            | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option | 21-6-2019   | 2,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3400     | 0    | 0            | 19            | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option | 21-6-2019   | 2,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2900     | 0    | 0            | 140           | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option | 21-6-2019   | 2,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2900     | 0    | 0            | 1114          | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option | 21-6-2019   | 2,5000         | P                 | EUR               | 0,3500 | 0,3500 | 0,3500 | 4           | 0,3500 | 0,3500     | 0    | 250          | 2672          | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option | 21-6-2019   | 2,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2500     | 0    | 0            | 530           | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option | 21-6-2019   | 2,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4100     | 0    | 0            | 2             | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option | 21-6-2019   | 2,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1800     | 0    | 0            | 369           | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option | 21-6-2019   | 2,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5500     | 1    | 0            | 1733          | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option | 21-6-2019   | 3,0000         | C                 | EUR               | 0,1300 | 0,1300 | 0,1300 | 5           | 0,1300 | 0,1300     | 0    | 121          | 9848          | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option | 21-6-2019   | 3,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7100     | 1    | 0            | 6532          | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option | 21-6-2019   | 3,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1000     | 0    | 0            | 1529          | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option | 21-6-2019   | 3,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8800     | 1    | 0            | 674           | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option | 21-6-2019   | 3,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     | 0    | 0            | 9332          | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option | 21-6-2019   | 3,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0600     | 1    | 0            | 292           | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option | 21-6-2019   | 3,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     | 0    | 0            | 6283          | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option | 21-6-2019   | 3,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1500     | 1    | 0            | 4695          | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option | 21-6-2019   | 3,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 0            | 351           | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option | 21-6-2019   | 3,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2400     | 1    | 0            | 3195          | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option | 21-6-2019   | 4,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     | 0    | 0            | 4203          | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option | 21-6-2019   | 4,0000         | P                 | EUR               | 1,6500 | 1,6500 | 1,6500 | 1           | 1,6500 | 1,6300     | 2    | 11           | 2733          | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option | 21-6-2019   | 4,5000         | C                 | EUR               | 0,0300 | 0,0300 | 0,0300 | 2           | 0,0300 | 0,0300     | 0    | 2            | 766           | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option | 21-6-2019   | 4,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1200     | 2    | 0            | 1176          | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option | 21-6-2019   | 5,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 1398          | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option | 21-6-2019   | 5,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6100     | 3    | 0            | 231           | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option | 21-6-2019   | 6,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 89            | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option | 21-6-2019   | 6,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,6100     | 4    | 0            | 3095          | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option | 20-9-2019   | 1,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5400     | 2    | 0            | 0             | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option | 20-9-2019   | 1,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option | 20-9-2019   | 1,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0500     | 1    | 0            | 15            | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option | 20-9-2019   | 1,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 0            | 0             | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option | 20-9-2019   | 2,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6100     | 1    | 0            | 75            | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option | 20-9-2019   | 2,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1700     | 0    | 0            | 10            | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option | 20-9-2019   | 2,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3600     | 0    | 0            | 150           | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option | 20-9-2019   | 2,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3600     | 0    | 0            | 1001          | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option | 20-9-2019   | 2,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3100     | 0    | 0            | 330           | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option | 20-9-2019   | 2,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4100     | 0    | 0            | 413           | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option | 20-9-2019   | 2,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2700     | 0    | 0            | 103           | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option | 20-9-2019   | 2,6000         | P                 | EUR               | 0,4800 | 0,4900 | 0,4800 | 4           | 0,4800 | 0,4800     | 0    | 20           | 62            | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option | 20-9-2019   | 2,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2000     | 0    | 0            | 130           | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option | 20-9-2019   | 2,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6200     | 1    | 0            | 245           | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option | 20-9-2019   | 3,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1500     | 0    | 0            | 592           | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option | 20-9-2019   | 3,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7800     | 1    | 0            | 59            | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option | 20-9-2019   | 3,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     | 0    | 0            | 513           | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option | 20-9-2019   | 3,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9500     | 1    | 0            | 42            | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option | 20-9-2019   | 3,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     | 0    | 0            | 2             | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option | 20-9-2019   | 3,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1300     | 1    | 0            | 5170          | 22-10-2018         |
| O                |                           |                        |             |                |                   |                   |        |        |        |             |        |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name                         | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|---|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | PNL                       | PostNL N.V Stnd Option                  | 20-12-2019  | 2,0000         | P                 | EUR               | 0,1800 | 0,1800 | 0,1800 | 2           | 0,1800 | 0,2100     | 0    | 3            | 107           | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option                  | 20-12-2019  | 2,5000         | C                 | EUR               | 0,3700 | 0,3700 | 0,3400 | 4           | 0,3400 | 0,3400     | 0    | 83           | 3690          | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option                  | 20-12-2019  | 2,5000         | P                 | EUR               | 0,4800 | 0,4800 | 0,4800 | 1           | 0,4800 | 0,4600     | 0    | 2            | 726           | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option                  | 20-12-2019  | 3,0000         | C                 | EUR               | 0,1700 | 0,2000 | 0,1700 | 4           | 0,2000 | 0,1900     | 0    | 8            | 8753          | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option                  | 20-12-2019  | 3,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8200     | 1    | 0            | 6015          | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option                  | 20-12-2019  | 3,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     | 0    | 0            | 6957          | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option                  | 20-12-2019  | 3,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2400     | 1    | 0            | 4280          | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option                  | 20-12-2019  | 4,0000         | C                 | EUR               | 0,0800 | 0,0800 | 0,0800 | 1           | 0,0800 | 0,0700     | 0    | 1            | 5621          | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option                  | 20-12-2019  | 4,0000         | P                 | EUR               | 1,7000 | 1,7000 | 1,7000 | 1           | 1,7000 | 1,7100     | 2    | 1            | 3432          | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option                  | 20-12-2019  | 4,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 478           | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option                  | 20-12-2019  | 4,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1900     | 2    | 0            | 769           | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option                  | 20-12-2019  | 5,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 36           | 22-10-2018    |                    |
| O                | PNL                       | PostNL N.V Stnd Option                  | 20-12-2019  | 5,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6700     | 3    | 0            | 1610          | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option                  | 20-12-2019  | 6,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 100           | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option                  | 20-12-2019  | 6,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,6600     | 4    | 0            | 4409          | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option                  | 19-6-2020   | 1,0000         | C                 | EUR               | 1,5500 | 1,5500 | 1,5500 | 1           | 1,5500 | 1,5400     | 2    | 5            | 10            | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option                  | 19-6-2020   | 1,0000         | P                 | EUR               | 0,0500 | 0,0500 | 0,0500 | 1           | 0,0500 | 0,0200     | 0    | 10           | 10            | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option                  | 19-6-2020   | 2,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6500     | 1    | 0            | 2135          | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option                  | 19-6-2020   | 2,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3200     | 0    | 0            | 554           | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option                  | 19-6-2020   | 2,5000         | C                 | EUR               | 0,3700 | 0,3800 | 0,3700 | 3           | 0,3800 | 0,3700     | 0    | 3            | 1775          | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option                  | 19-6-2020   | 2,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5900     | 1    | 0            | 4251          | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option                  | 19-6-2020   | 3,0000         | C                 | EUR               | 0,2100 | 0,2100 | 0,2100 | 1           | 0,2100 | 0,2300     | 0    | 1            | 4453          | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option                  | 19-6-2020   | 3,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9600     | 1    | 0            | 5453          | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option                  | 19-6-2020   | 3,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     | 0    | 0            | 826           | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option                  | 19-6-2020   | 3,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3700     | 1    | 0            | 2872          | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option                  | 19-6-2020   | 4,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     | 0    | 0            | 630           | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option                  | 19-6-2020   | 4,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8300     | 2    | 0            | 414           | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option                  | 19-6-2020   | 4,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 327           | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option                  | 19-6-2020   | 4,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3000     | 2    | 0            | 10            | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option                  | 19-6-2020   | 5,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 3             | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option                  | 19-6-2020   | 5,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7900     | 3    | 0            | 159           | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option                  | 19-6-2020   | 5,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 0             | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option                  | 19-6-2020   | 5,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2800     | 3    | 0            | 300           | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option                  | 19-6-2020   | 6,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 120           | 22-10-2018         |
| O                | PNL                       | PostNL N.V Stnd Option                  | 19-6-2020   | 6,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,7800     | 4    | 0            | 4596          | 22-10-2018         |
| F                | PP6                       | Partners Group Holding - Stock Future   | 16-11-2018  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 703,2751   | 703  | 0            | 0             | 22-10-2018         |
| F                | PP6                       | Partners Group Holding - Stock Future   | 21-12-2018  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 703,9250   | 703  | 0            | 0             | 22-10-2018         |
| F                | PP6                       | Partners Group Holding - Stock Future   | 18-1-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 703,6059   | 703  | 0            | 0             | 22-10-2018         |
| F                | PP6                       | Partners Group Holding - Stock Future   | 15-3-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 702,0715   | 702  | 0            | 0             | 22-10-2018         |
| F                | PP6                       | Partners Group Holding - Stock Future   | 21-6-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 681,1022   | 681  | 0            | 0             | 22-10-2018         |
| F                | PP6                       | Partners Group Holding - Stock Future   | 20-9-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 680,2001   | 680  | 0            | 0             | 22-10-2018         |
| F                | PR6                       | Pearson - Stock Future                  | 16-11-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 878,7700   | 879  | 0            | 0             | 22-10-2018         |
| F                | PR6                       | Pearson - Stock Future                  | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 879,3100   | 879  | 0            | 0             | 22-10-2018         |
| F                | PR6                       | Pearson - Stock Future                  | 18-1-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 879,7800   | 880  | 0            | 0             | 22-10-2018         |
| F                | PR6                       | Pearson - Stock Future                  | 15-3-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 880,7700   | 881  | 0            | 0             | 22-10-2018         |
| F                | PR6                       | Pearson - Stock Future                  | 21-6-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 870,6800   | 871  | 0            | 0             | 22-10-2018         |
| F                | PR6                       | Pearson - Stock Future                  | 20-9-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 867,1300   | 867  | 0            | 0             | 22-10-2018         |
| F                | PR8                       | Pearson - Dividend Future               | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,5000    | 18   | 0            | 0             | 22-10-2018         |
| F                | PR8                       | Pearson - Dividend Future               | 20-12-2019  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 28,0000    | 28   | 0            | 0             | 22-10-2018         |
| F                | PR8                       | Pearson - Dividend Future               | 18-12-2020  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 29,0000    | 29   | 0            | 0             | 22-10-2018         |
| F                | PR8                       | Pearson - Dividend Future               | 17-12-2021  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 29,0000    | 29   | 0            | 0             | 22-10-2018         |
| F                | PR8                       | Pearson - Dividend Future               | 16-12-2022  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 29,0000    | 29   | 0            | 0             | 22-10-2018         |
| F                | PS6                       | ProSieben Sat 1 Media AG - Stock Future | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 20,2944    | 20   | 0            | 0             | 22-10-2018         |
| F                | PS6                       | ProSieben Sat 1 Media AG - Stock Future | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 20,2867    | 20   | 0            | 0             | 22-10-2018         |
| F                | PS6                       | ProSieben Sat 1 Media AG - Stock Future | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 20,2804    | 20   | 0            | 0             | 22-10-2018         |
| F                | PS6                       | ProSieben Sat 1 Media AG - Stock Future | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 20,2736    | 20   | 0            | 0             | 22-10-2018         |
| F                | PS6                       | ProSieben Sat 1 Media AG - Stock Future | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,3063    | 18   | 0            | 0             | 22-10-2018         |
| F                | PS6                       | ProSieben Sat 1 Media AG - Stock Future | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,2912    | 18   | 0            | 0             | 22-10-2018         |
| F                | PT6                       | Petroleum Geo-Services - Stock Future   | 16-11-2018  | 0,0000         |                   | NOK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 24,7179    | 25   | 0            | 0             | 22-10-2018         |
| F                | PT6                       | Petroleum Geo-Services - Stock Future   | 21-12-2018  | 0,0000         |                   | NOK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 24,7489    | 25   | 0            | 0             | 22-10-2018         |
| F                | PT6                       | Petroleum Geo-Services - Stock Future   | 18-1-2019   | 0,0000         |                   | NOK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 24,7812    | 25   | 0            | 0             | 22-10-2018         |
| F                | PT6                       | Petroleum Geo-Services - Stock Future   | 15-3-2019   | 0,0000         |                   | NOK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 24,8395    | 25   | 0            | 0             | 22-10-2018         |
| F                | PT6                       | Petroleum Geo-Services - Stock Future   | 21-6-2019   | 0,0000         |                   | NOK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 24,9650    | 25   | 0            | 0             | 22-10-2018         |
| F                | PT6                       | Petroleum Geo-Services - Stock Future   | 20-9-2019   | 0,0000         |                   | NOK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 25,0711    | 25   | 0            | 0             | 22-10-2018         |
| F                | PV8                       | BPER Banca - Dividend Future            | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     | 0    | 0            | 0             | 22-10-2018         |
| F                | PV8                       | BPER Banca - Dividend Future            | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1500     | 0    | 0            | 0             | 22-10-2018         |
| F                | PV8                       | BPER Banca - Dividend Future            | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1800     | 0    | 0            | 0             | 22-10-2018         |
| F                | PV8                       | BPER Banca - Dividend Future            | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2000     | 0    | 0            | 0             | 22-10-2018         |
| F                | PV8                       | BPER Banca - Dividend Future            | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2000     | 0    | 0            | 0             | 22-10-2018         |
| F                | PY6                       | Prysmian SpA - Stock Future             | 15-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,1355    | 17   | 0            | 0             | 22-10-2018         |
| F                | PY6                       | Prysmian SpA - Stock Future             | 20-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,1289    | 17   | 0            | 0             | 22-10-2018         |
| F                | PY6                       | Prysmian SpA - Stock Future             | 17-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,1237    | 17   | 0            | 0             | 22-10-2018         |
| F                | PY6                       | Prysmian SpA - Stock Future             | 14-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,1179    | 17   | 0            | 0             | 22-10-2018         |
| F                | PY6                       | Prysmian SpA - Stock Future             | 20-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,6529    | 17   | 0            | 0             | 22-10-2018         |
| F                | PY6                       | Prysmian SpA - Stock Future             | 19-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,6392    | 17   | 0            | 0             | 22-10-2018         |
| F                | QA6                       | John Wood Group - Stock Future          | 16-11-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 710,3000   | 710  |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name                         | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|---|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| F                | QB8                       | Shire - Dividend Future                 | 18-12-2020  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 25,1000    |      | 25           | 0             | 22-10-2018         |
| F                | QB8                       | Shire - Dividend Future                 | 17-12-2021  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 25,1000    |      | 25           | 0             | 22-10-2018         |
| F                | QB8                       | Shire - Dividend Future                 | 16-12-2022  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 25,1000    |      | 25           | 0             | 22-10-2018         |
| F                | QC6                       | Enel SpA - Stock Future                 | 15-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,4358     |      | 4            | 0             | 22-10-2018         |
| F                | QC6                       | Enel SpA - Stock Future                 | 20-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,4341     |      | 4            | 0             | 22-10-2018         |
| F                | QC6                       | Enel SpA - Stock Future                 | 17-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,4328     |      | 4            | 0             | 22-10-2018         |
| F                | QC6                       | Enel SpA - Stock Future                 | 14-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,2913     |      | 4            | 0             | 22-10-2018         |
| F                | QC6                       | Enel SpA - Stock Future                 | 20-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,2875     |      | 4            | 0             | 22-10-2018         |
| F                | QC6                       | Enel SpA - Stock Future                 | 19-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,1271     |      | 4            | 0             | 22-10-2018         |
| F                | QC8                       | ENEL - Dividend Future                  | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2370     |      | 0            | 0             | 22-10-2018         |
| F                | QC8                       | ENEL - Dividend Future                  | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2500     |      | 0            | 0             | 22-10-2018         |
| F                | QC8                       | ENEL - Dividend Future                  | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2500     |      | 0            | 0             | 22-10-2018         |
| F                | QC8                       | ENEL - Dividend Future                  | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2800     |      | 0            | 0             | 22-10-2018         |
| F                | QC8                       | ENEL - Dividend Future                  | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2800     |      | 0            | 0             | 22-10-2018         |
| F                | QD6                       | ENI SpA - Stock Future                  | 15-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,1700    |      | 15           | 0             | 22-10-2018         |
| F                | QD6                       | ENI SpA - Stock Future                  | 20-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,1642    |      | 15           | 0             | 22-10-2018         |
| F                | QD6                       | ENI SpA - Stock Future                  | 17-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,1595    |      | 15           | 0             | 22-10-2018         |
| F                | QD6                       | ENI SpA - Stock Future                  | 14-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,1544    |      | 15           | 0             | 22-10-2018         |
| F                | QD6                       | ENI SpA - Stock Future                  | 20-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,7261    |      | 15           | 0             | 22-10-2018         |
| F                | QD6                       | ENI SpA - Stock Future                  | 19-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,7140    |      | 15           | 0             | 22-10-2018         |
| F                | QD8                       | ENI - Dividend Future                   | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8200     |      | 1            | 0             | 22-10-2018         |
| F                | QD8                       | ENI - Dividend Future                   | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8000     |      | 1            | 0             | 22-10-2018         |
| F                | QD8                       | ENI - Dividend Future                   | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8000     |      | 1            | 0             | 22-10-2018         |
| F                | QD8                       | ENI - Dividend Future                   | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8000     |      | 1            | 0             | 22-10-2018         |
| F                | QD8                       | ENI - Dividend Future                   | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8000     |      | 1            | 0             | 22-10-2018         |
| F                | QE8                       | Snam ex-event package - Dividend Future | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2571     |      | 0            | 690           | 22-10-2018         |
| F                | QE8                       | Snam ex-event package - Dividend Future | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2300     |      | 0            | 200           | 22-10-2018         |
| F                | QF6                       | Atlantia SpA - Stock Future             | 15-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,4954    |      | 17           | 0             | 22-10-2018         |
| F                | QF6                       | Atlantia SpA - Stock Future             | 20-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,4887    |      | 17           | 0             | 22-10-2018         |
| F                | QF6                       | Atlantia SpA - Stock Future             | 17-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,4833    |      | 17           | 0             | 22-10-2018         |
| F                | QF6                       | Atlantia SpA - Stock Future             | 14-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,4774    |      | 17           | 0             | 22-10-2018         |
| F                | QF6                       | Atlantia SpA - Stock Future             | 20-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,4619    |      | 17           | 0             | 22-10-2018         |
| F                | QF6                       | Atlantia SpA - Stock Future             | 19-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,4475    |      | 17           | 0             | 22-10-2018         |
| F                | QF8                       | Atlantia - Dividend Future              | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6500     |      | 1            | 0             | 22-10-2018         |
| F                | QF8                       | Atlantia - Dividend Future              | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5700     |      | 1            | 0             | 22-10-2018         |
| F                | QF8                       | Atlantia - Dividend Future              | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2200     |      | 1            | 0             | 22-10-2018         |
| F                | QF8                       | Atlantia - Dividend Future              | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2200     |      | 1            | 0             | 22-10-2018         |
| F                | QF8                       | Atlantia - Dividend Future              | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2200     |      | 1            | 0             | 22-10-2018         |
| F                | QG6                       | Saipem SpA - Stock Future               | 15-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,6878     |      | 5            | 0             | 22-10-2018         |
| F                | QG6                       | Saipem SpA - Stock Future               | 20-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,6860     |      | 5            | 0             | 22-10-2018         |
| F                | QG6                       | Saipem SpA - Stock Future               | 17-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,6845     |      | 5            | 0             | 22-10-2018         |
| F                | QG6                       | Saipem SpA - Stock Future               | 14-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,6829     |      | 5            | 0             | 22-10-2018         |
| F                | QG6                       | Saipem SpA - Stock Future               | 20-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,6788     |      | 5            | 0             | 22-10-2018         |
| F                | QG6                       | Saipem SpA - Stock Future               | 19-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,6749     |      | 5            | 0             | 22-10-2018         |
| F                | QH6                       | Andritz AG - Stock Future               | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 45,5675    |      | 46           | 0             | 22-10-2018         |
| F                | QH6                       | Andritz AG - Stock Future               | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 45,5500    |      | 46           | 0             | 22-10-2018         |
| F                | QH6                       | Andritz AG - Stock Future               | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 45,5361    |      | 46           | 0             | 22-10-2018         |
| F                | QH6                       | Andritz AG - Stock Future               | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 45,5207    |      | 46           | 0             | 22-10-2018         |
| F                | QH6                       | Andritz AG - Stock Future               | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 43,8316    |      | 44           | 0             | 22-10-2018         |
| F                | QH6                       | Andritz AG - Stock Future               | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 43,7956    |      | 44           | 0             | 22-10-2018         |
| F                | QJ6                       | Carlsberg B - Stock Future              | 16-11-2018  | 0,0000         |                   | DKK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 746,7774   |      | 747          | 0             | 22-10-2018         |
| F                | QJ6                       | Carlsberg B - Stock Future              | 21-12-2018  | 0,0000         |                   | DKK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 746,5128   |      | 747          | 0             | 22-10-2018         |
| F                | QJ6                       | Carlsberg B - Stock Future              | 18-1-2019   | 0,0000         |                   | DKK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 746,3743   |      | 746          | 0             | 22-10-2018         |
| F                | QJ6                       | Carlsberg B - Stock Future              | 15-3-2019   | 0,0000         |                   | DKK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 746,0813   |      | 746          | 0             | 22-10-2018         |
| F                | QJ6                       | Carlsberg B - Stock Future              | 21-6-2019   | 0,0000         |                   | DKK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 728,1487   |      | 728          | 0             | 22-10-2018         |
| F                | QJ6                       | Carlsberg B - Stock Future              | 20-9-2019   | 0,0000         |                   | DKK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 727,9265   |      | 728          | 0             | 22-10-2018         |
| F                | QK6                       | Swisscom - Stock Future                 | 16-11-2018  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 446,6572   |      | 447          | 0             | 22-10-2018         |
| F                | QK6                       | Swisscom - Stock Future                 | 21-12-2018  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 446,4348   |      | 446          | 0             | 22-10-2018         |
| F                | QK6                       | Swisscom - Stock Future                 | 18-1-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 446,2322   |      | 446          | 0             | 22-10-2018         |
| F                | QK6                       | Swisscom - Stock Future                 | 15-3-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 445,8928   |      | 446          | 0             | 22-10-2018         |
| F                | QK6                       | Swisscom - Stock Future                 | 21-6-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 423,2952   |      | 423          | 0             | 22-10-2018         |
| F                | QK6                       | Swisscom - Stock Future                 | 20-9-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 422,7345   |      | 423          | 0             | 22-10-2018         |
| F                | QK8                       | Swisscom - Dividend Future              | 21-12-2018  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,0000    |      | 22           | 0             | 22-10-2018         |
| F                | QK8                       | Swisscom - Dividend Future              | 20-12-2019  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,0000    |      | 22           | 0             | 22-10-2018         |
| F                | QK8                       | Swisscom - Dividend Future              | 18-12-2020  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,0000    |      | 22           | 0             | 22-10-2018         |
| F                | QK8                       | Swisscom - Dividend Future              | 17-12-2021  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,0000    |      | 22           | 0             | 22-10-2018         |
| F                | QK8                       | Swisscom - Dividend Future              | 16-12-2022  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,0000    |      | 22           | 0             | 22-10-2018         |
| F                | QL6                       | Sulzer - Stock Future                   | 16-11-2018  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 100,3679   |      | 100          | 0             | 22-10-2018         |
| F                | QL6                       | Sulzer - Stock Future                   | 21-12-2018  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 100,3179   |      | 100          | 0             | 22-10-2018         |
| F                | QL6                       | Sulzer - Stock Future                   | 18-1-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 100,2724   |      | 100          | 0             | 22-10-2018         |
| F                | QL6                       | Sulzer - Stock Future                   | 15-3-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 100,1961   |      | 100          | 0             | 22-10-2018         |
| F                | QL6                       | Sulzer - Stock Future                   | 21-6-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 96,4602    |      | 96           | 0             | 22-10-2018         |
| F                | QL6                       | Sulzer - Stock Future                   | 20-9-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 96,3324    |      | 96           | 0             | 22-10-2018         |
| F                | QM6                       | Schindler Holding - Stock Future        | 16-11-2018  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 222,7288   |      | 223          | 0             | 22-10-2018         |
| F                | QM6                       | Schindler Holding - Stock Future        | 21-12-2018  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 222,6179   |      | 223          | 0             | 22-10-2018         |
| F                | QM6                       | Schindler Holding - Stock Future        | 18-1-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 222,5169   |      | 223          | 0             | 22-10-2018         |
| F                | QM6                       | Schindler Holding - Stock Future        | 15-3-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 222,3476   |      | 222          | 0             | 22-10-2018         |
| F                | QM6                       | Schindler Holding - Stock Future        | 21-6-2019   | 0,0            |                   |                   |        |        |        |             |        |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name                           | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |            |
|------------------|---------------------------|---|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|------------|
| F                | QN8                       | SGS - Dividend Future                     | 21-12-2018  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 75,0000    |      | 75           | 0             | 22-10-2018         |            |
| F                | QN8                       | SGS - Dividend Future                     | 20-12-2019  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 74,0000    |      | 74           | 0             | 22-10-2018         |            |
| F                | QN8                       | SGS - Dividend Future                     | 18-12-2020  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 76,0000    |      | 76           | 0             | 22-10-2018         |            |
| F                | QN8                       | SGS - Dividend Future                     | 17-12-2021  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 78,0000    |      | 78           | 0             | 22-10-2018         |            |
| F                | QN8                       | SGS - Dividend Future                     | 16-12-2022  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 78,0000    |      | 78           | 0             | 22-10-2018         |            |
| F                | QO6                       | Swiss Re - Stock Future                   | 16-11-2018  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 90,6310    |      | 91           | 0             | 22-10-2018         |            |
| F                | QO6                       | Swiss Re - Stock Future                   | 21-12-2018  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 90,5859    |      | 91           | 0             | 22-10-2018         |            |
| F                | QO6                       | Swiss Re - Stock Future                   | 18-1-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 90,5448    |      | 91           | 0             | 22-10-2018         |            |
| F                | QO6                       | Swiss Re - Stock Future                   | 15-3-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 90,4759    |      | 90           | 0             | 22-10-2018         |            |
| F                | QO6                       | Swiss Re - Stock Future                   | 21-6-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 85,1041    |      | 85           | 0             | 22-10-2018         |            |
| F                | QO6                       | Swiss Re - Stock Future                   | 20-9-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 84,9914    |      | 85           | 0             | 22-10-2018         |            |
| F                | QO8                       | Swiss Re - Dividend Future                | 21-12-2018  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,0000     |      | 5            | 0             | 22-10-2018         |            |
| F                | QO8                       | Swiss Re - Dividend Future                | 20-12-2019  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,2000     |      | 5            | 0             | 22-10-2018         |            |
| F                | QO8                       | Swiss Re - Dividend Future                | 18-12-2020  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,4500     |      | 5            | 0             | 22-10-2018         |            |
| F                | QO8                       | Swiss Re - Dividend Future                | 17-12-2021  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,6900     |      | 6            | 0             | 22-10-2018         |            |
| F                | QO8                       | Swiss Re - Dividend Future                | 16-12-2022  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,6900     |      | 6            | 0             | 22-10-2018         |            |
| F                | QR6                       | ABB (SEK) - Stock Future                  | 16-11-2018  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 189,0484   |      | 189          | 0             | 22-10-2018         |            |
| F                | QR6                       | ABB (SEK) - Stock Future                  | 21-12-2018  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 188,9832   |      | 189          | 0             | 22-10-2018         |            |
| F                | QR6                       | ABB (SEK) - Stock Future                  | 18-1-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 188,9367   |      | 189          | 0             | 22-10-2018         |            |
| F                | QR6                       | ABB (SEK) - Stock Future                  | 15-3-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 188,8386   |      | 189          | 0             | 22-10-2018         |            |
| F                | QR6                       | ABB (SEK) - Stock Future                  | 21-6-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 188,6947   |      | 189          | 0             | 22-10-2018         |            |
| F                | QR6                       | ABB (SEK) - Stock Future                  | 20-9-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 188,6127   |      | 189          | 0             | 22-10-2018         |            |
| F                | QT8                       | AZA - Dividend Future                     | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0578     |      | 0            | 0             | 22-10-2018         |            |
| F                | QT8                       | AZA - Dividend Future                     | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     |      | 0            | 0             | 22-10-2018         |            |
| F                | QT8                       | AZA - Dividend Future                     | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0750     |      | 0            | 0             | 22-10-2018         |            |
| F                | QT8                       | AZA - Dividend Future                     | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0750     |      | 0            | 0             | 22-10-2018         |            |
| F                | QT8                       | AZA - Dividend Future                     | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0750     |      | 0            | 0             | 22-10-2018         |            |
| F                | QU8                       | Bankia - Dividend Future                  | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1102     |      | 0            | 0             | 22-10-2018         |            |
| F                | QU8                       | Bankia - Dividend Future                  | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1104     |      | 0            | 0             | 22-10-2018         |            |
| F                | QU8                       | Bankia - Dividend Future                  | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1104     |      | 0            | 0             | 22-10-2018         |            |
| F                | QU8                       | Bankia - Dividend Future                  | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1104     |      | 0            | 0             | 22-10-2018         |            |
| F                | QU8                       | Bankia - Dividend Future                  | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1104     |      | 0            | 0             | 22-10-2018         |            |
| F                | RA6                       | Randstad NV - Stock Future                | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 43,8849    |      | 44           | 0             | 22-10-2018         |            |
| F                | RA6                       | Randstad NV - Stock Future                | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 43,8806    |      | 44           | 0             | 22-10-2018         |            |
| F                | RA6                       | Randstad NV - Stock Future                | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 43,8762    |      | 44           | 0             | 22-10-2018         |            |
| F                | RA6                       | Randstad NV - Stock Future                | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 43,8675    |      | 44           | 0             | 22-10-2018         |            |
| F                | RA6                       | Randstad NV - Stock Future                | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 42,0683    |      | 42           | 0             | 22-10-2018         |            |
| F                | RA6                       | Randstad NV - Stock Future                | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 42,0365    |      | 42           | 0             | 22-10-2018         |            |
| F                | RA8                       | Randstad NV - Dividend Future             | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0403     |      | 2            | 0             | 22-10-2018         |            |
| F                | RA8                       | Randstad NV - Dividend Future             | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0000     |      | 2            | 0             | 22-10-2018         |            |
| F                | RA8                       | Randstad NV - Dividend Future             | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0000     |      | 2            | 0             | 22-10-2018         |            |
| F                | RA8                       | Randstad NV - Dividend Future             | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0000     |      | 2            | 0             | 22-10-2018         |            |
| F                | RA8                       | Randstad NV - Dividend Future             | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0000     |      | 2            | 0             | 22-10-2018         |            |
| F                | RB6                       | Reckitt Benckiser Group - Stock Future    | 16-11-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6712,8100  |      | 6713         | 0             | 22-10-2018         |            |
| F                | RB6                       | Reckitt Benckiser Group - Stock Future    | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6716,9800  |      | 6717         | 0             | 22-10-2018         |            |
| F                | RB6                       | Reckitt Benckiser Group - Stock Future    | 18-1-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6720,5100  |      | 6721         | 0             | 22-10-2018         |            |
| F                | RB6                       | Reckitt Benckiser Group - Stock Future    | 15-3-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6728,0900  |      | 6728         | 0             | 22-10-2018         |            |
| F                | RB6                       | Reckitt Benckiser Group - Stock Future    | 21-6-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6642,7100  |      | 6643         | 0             | 22-10-2018         |            |
| F                | RB6                       | Reckitt Benckiser Group - Stock Future    | 20-9-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6583,5100  |      | 6584         | 0             | 22-10-2018         |            |
| F                | RB8                       | Reckitt Benckiser Group - Dividend Future | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 168,2000   |      | 168          | 0             | 22-10-2018         |            |
| F                | RB8                       | Reckitt Benckiser Group - Dividend Future | 20-12-2019  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 173,0000   |      | 173          | 0             | 22-10-2018         |            |
| F                | RB8                       | Reckitt Benckiser Group - Dividend Future | 18-12-2020  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 173,0000   |      | 173          | 0             | 22-10-2018         |            |
| F                | RB8                       | Reckitt Benckiser Group - Dividend Future | 17-12-2021  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 173,0000   |      | 173          | 0             | 22-10-2018         |            |
| F                | RB8                       | Reckitt Benckiser Group - Dividend Future | 16-12-2022  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 173,0000   |      | 173          | 0             | 22-10-2018         |            |
| O                | RD                        | Royal Dutch Shell 'A' Shares              | 16-11-2018  | 24,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,3100     |      | 4            | 0             | 22-10-2018         |            |
| O                | RD                        | Royal Dutch Shell 'A' Shares              | 16-11-2018  | 24,0000        | P                 | EUR               | 0,0400 | 0,0400 | 0,0400 | 1           | 0,0400 | 0,0400     |      | 0            | 1             | 714                | 22-10-2018 |
| O                | RD                        | Royal Dutch Shell 'A' Shares              | 16-11-2018  | 25,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3300     |      | 3            | 0             | 638                | 22-10-2018 |
| O                | RD                        | Royal Dutch Shell 'A' Shares              | 16-11-2018  | 25,0000        | P                 | EUR               | 0,0700 | 0,0700 | 0,0700 | 1           | 0,0700 | 0,0600     |      | 0            | 1             | 707                | 22-10-2018 |
| O                | RD                        | Royal Dutch Shell 'A' Shares              | 16-11-2018  | 26,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3700     |      | 2            | 0             | 966                | 22-10-2018 |
| O                | RD                        | Royal Dutch Shell 'A' Shares              | 16-11-2018  | 26,0000        | P                 | EUR               | 0,1100 | 0,1500 | 0,0900 | 20          | 0,1300 | 0,1400     |      | 0            | 56            | 1348               | 22-10-2018 |
| O                | RD                        | Royal Dutch Shell 'A' Shares              | 16-11-2018  | 26,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9100     |      | 2            | 0             | 102                | 22-10-2018 |
| O                | RD                        | Royal Dutch Shell 'A' Shares              | 16-11-2018  | 26,5000        | P                 | EUR               | 0,1500 | 0,2200 | 0,1400 | 14          | 0,2100 | 0,2000     |      | 0            | 12748         | 25398              | 22-10-2018 |
| O                | RD                        | Royal Dutch Shell 'A' Shares              | 16-11-2018  | 27,0000        | C                 | EUR               | 1,6800 | 1,8300 | 1,6800 | 2           | 1,8300 | 1,4900     |      | 1            | 83            | 1133               | 22-10-2018 |
| O                | RD                        | Royal Dutch Shell 'A' Shares              | 16-11-2018  | 27,0000        | P                 | EUR               | 0,2200 | 0,3300 | 0,2100 | 38          | 0,3300 | 0,3000     |      | 0            | 437           | 2838               | 22-10-2018 |
| O                | RD                        | Royal Dutch Shell 'A' Shares              | 16-11-2018  | 27,5000        | C                 | EUR               | 1,3000 | 1,3000 | 1,0500 | 3           | 1,0500 | 1,0900     |      | 1            | 20            | 856                | 22-10-2018 |
| O                | RD                        | Royal Dutch Shell 'A' Shares              | 16-11-2018  | 27,5000        | P                 | EUR               | 0,3700 | 0,4800 | 0,3100 | 17          | 0,4400 | 0,4600     |      | 0            | 339           | 2522               | 22-10-2018 |
| O                | RD                        | Royal Dutch Shell 'A' Shares              | 16-11-2018  | 28,0000        | C                 | EUR               | 0,9900 | 0,9900 | 0,7300 | 9           | 0,7300 | 0,7600     |      | 1            | 207           | 4583               | 22-10-2018 |
| O                | RD                        | Royal Dutch Shell 'A' Shares              | 16-11-2018  | 28,0000        | P                 | EUR               | 0,5500 | 0,7000 | 0,5000 | 18          | 0,6700 | 0,6700     |      | 1            | 497           | 7430               | 22-10-2018 |
| O                | RD                        | Royal Dutch Shell 'A' Shares              | 16-11-2018  | 28,5000        | C                 | EUR               | 0,7000 | 0,7000 | 0,4900 | 25          | 0,5200 | 0,5000     |      | 1            | 84            | 2607               | 22-10-2018 |
| O                | RD                        | Royal Dutch Shell 'A' Shares              | 16-11-2018  | 28,5000        | P                 | EUR               | 0,7300 | 1,0100 | 0,7300 | 19          | 1,0000 | 0,9600     |      | 1            | 275           | 2202               | 22-10-2018 |
| O                | RD                        | Royal Dutch Shell 'A' Shares              | 16-11-2018  | 29,0000        | C                 | EUR               | 0,4500 | 0,4500 | 0,2800 | 62          | 0,2900 | 0,3100     |      | 0            | 400           | 2984               | 22-10-2018 |
| O                | RD                        | Royal Dutch Shell 'A' Shares              | 16-11-2018  | 29,0000        | P                 | EUR               | 1,1200 | 1,2900 | 1,0300 | 13          | 1,2900 | 1,3100     |      | 1            | 119           | 2457               | 22-10-2018 |
| O                | RD                        | Royal Dutch Shell 'A' Shares              | 16-11-2018  | 29,5000        | C                 | EUR               | 0,2700 | 0,2700 | 0,1700 | 38          | 0,1800 | 0,1700     |      | 0            | 288           | 2087               | 22-10-2018 |
| O                | RD                        | Royal Dutch Shell 'A' Shares              | 16-11-2018  | 29,5000        | P                 | EUR               | 1,5000 | 1,7500 | 1,3800 | 3           | 1,7500 | 1,7200     |      | 2            | 60            | 822                | 22-10-2018 |
| O                | RD                        | Royal Dutch Shell 'A' Shares              | 16-11-2018  | 30,0000        | C                 | EUR               | 0,1500 | 0,1500 | 0,0900 | 30          | 0,1000 | 0,1000     |      | 0            | 320           | 8231               | 22-10-2018 |
| O                | RD                        | Royal Dutch Shell 'A' Shares              | 16-11-2018  | 30,0000        | P                 | EUR               | 1,9100 | 2,1000 | 1,9100 | 2           |        |            |      |              |               |                    |            |



| Instrument Type* | Instrument Trading Symbol | Instrument Name              | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open    | High    | Low     | Trade Count | Close   | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|------------------------------|-------------|----------------|-------------------|-------------------|---------|---------|---------|-------------|---------|------------|------|--------------|---------------|--------------------|
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 10,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 8213          | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 12,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 16,2800    | 16   | 0            | 0             | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 12,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 2235          | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 14,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 14,3000    | 14   | 0            | 6             | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 14,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 5530          | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 15,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 13,3000    | 13   | 0            | 16            | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 15,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 5891          | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 16,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,3000    | 12   | 0            | 0             | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 16,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 854           | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 17,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 11,3000    | 11   | 0            | 0             | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 17,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 1390          | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 18,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,3000    | 10   | 0            | 10            | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 18,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 8673          | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 19,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 9,3000     | 9    | 0            | 8             | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 19,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 1628          | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 20,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,3000     | 8    | 0            | 465           | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 20,0000        | P                 | EUR               | 0,0300  | 0,0300  | 0,0300  | 1           | 0,0300  | 0,0200     | 0    | 10           | 20777         | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 21,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,3000     | 7    | 0            | 277           | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 21,0000        | P                 | EUR               | 0,0300  | 0,0300  | 0,0300  | 1           | 0,0300  | 0,0300     | 0    | 125          | 10722         | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 22,0000        | C                 | EUR               | 6,2800  | 6,2800  | 6,2500  | 2           | 6,2500  | 6,3000     | 6    | 20           | 236           | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 22,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0500     | 0    | 0            | 8891          | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 23,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,3000     | 5    | 0            | 104           | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 23,0000        | P                 | EUR               | 0,0700  | 0,0800  | 0,0700  | 6           | 0,0800  | 0,0800     | 0    | 17           | 15479         | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 24,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,3200     | 4    | 0            | 687           | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 24,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1200     | 0    | 0            | 10124         | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 25,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,3600     | 3    | 0            | 1628          | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 25,0000        | P                 | EUR               | 0,1900  | 0,1900  | 0,1900  | 3           | 0,1900  | 0,1900     | 0    | 41           | 15625         | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 26,0000        | C                 | EUR               | 2,6400  | 2,6400  | 2,5000  | 3           | 2,5000  | 2,4300     | 2    | 28           | 3466          | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 26,0000        | P                 | EUR               | 0,2900  | 0,3400  | 0,2600  | 14          | 0,3200  | 0,3300     | 0    | 1032         | 36025         | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 27,0000        | C                 | EUR               | 1,9400  | 1,9400  | 1,5600  | 4           | 1,5600  | 1,6000     | 2    | 14           | 3831          | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 27,0000        | P                 | EUR               | 0,5000  | 0,5800  | 0,4500  | 12          | 0,5400  | 0,5800     | 1    | 178          | 17511         | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 27,5000        | C                 | EUR               | 1,4000  | 1,4000  | 1,4000  | 1           | 1,4000  | 1,2400     | 1    | 1            | 129           | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 27,5000        | P                 | EUR               | 0,6500  | 0,6700  | 0,6500  | 3           | 0,6600  | 0,7600     | 1    | 9            | 527           | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 28,0000        | C                 | EUR               | 1,0900  | 1,1400  | 0,9000  | 18          | 0,9400  | 0,9400     | 1    | 40           | 40086         | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 28,0000        | P                 | EUR               | 0,8700  | 1,0200  | 0,7900  | 14          | 1,0000  | 0,9900     | 1    | 3539         | 17723         | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 28,5000        | C                 | EUR               | 0,9200  | 0,9200  | 0,6900  | 17          | 0,7100  | 0,7000     | 1    | 3620         | 4291          | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 28,5000        | P                 | EUR               | 1,1200  | 1,1500  | 1,0400  | 4           | 1,0900  | 1,2600     | 1    | 3013         | 7230          | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 29,0000        | C                 | EUR               | 0,5700  | 0,6400  | 0,4800  | 16          | 0,5000  | 0,5000     | 1    | 649          | 26389         | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 29,0000        | P                 | EUR               | 1,4200  | 1,5200  | 1,4200  | 9           | 1,5200  | 1,5800     | 2    | 108          | 23483         | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 29,5000        | C                 | EUR               | 0,4700  | 0,4800  | 0,3500  | 9           | 0,3500  | 0,3500     | 0    | 38           | 6997          | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 29,5000        | P                 | EUR               | 1,7600  | 1,7600  | 1,7600  | 1           | 1,7600  | 1,9500     | 2    | 50           | 1272          | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 30,0000        | C                 | EUR               | 0,3000  | 0,3000  | 0,2300  | 23          | 0,2300  | 0,2400     | 0    | 74           | 49237         | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 30,0000        | P                 | EUR               | 2,1300  | 2,1300  | 2,0700  | 2           | 2,0700  | 2,3400     | 2    | 11           | 13689         | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 30,5000        | C                 | EUR               | 0,2000  | 0,2100  | 0,1700  | 3           | 0,1700  | 0,1700     | 0    | 95           | 3722          | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 30,5000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,7700     | 3    | 0            | 1304          | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 31,0000        | C                 | EUR               | 0,1300  | 0,1400  | 0,1100  | 4           | 0,1100  | 0,1200     | 0    | 22           | 7826          | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 31,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,2200     | 3    | 0            | 905           | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 32,0000        | C                 | EUR               | 0,0700  | 0,0700  | 0,0600  | 5           | 0,0600  | 0,0600     | 0    | 241          | 43086         | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 32,0000        | P                 | EUR               | 3,9300  | 4,1500  | 3,9300  | 3           | 4,1500  | 4,1600     | 4    | 88           | 4749          | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 33,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0300     | 0    | 0            | 45            | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 33,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,1500     | 5    | 0            | 85            | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 34,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 2200          | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 34,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,1200     | 6    | 0            | 471           | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 35,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 40503         | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 35,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,1000     | 7    | 0            | 3964          | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 36,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 36,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,1000     | 8    | 0            | 0             | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 40,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 13740         | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 40,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,1000    | 12   | 0            | 1871          | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 45,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 379           | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 45,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 17,1200    | 17   | 0            | 11            | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 50,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 2505          | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-12-2018  | 50,0000        | P                 | EUR               | 22,1000 | 22,1000 | 22,1000 | 1           | 22,1000 | 22,1100    | 22   | 2            | 5954          | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 18-1-2019   | 25,0000        | C                 | EUR               | 3,3500  | 3,3500  | 3,3500  | 1           | 3,3500  | 3,3800     | 3    | 14           | 14            | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 18-1-2019   | 25,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2500     | 0    | 0            | 0             | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 18-1-2019   | 26,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,4700     | 2    | 0            | 0             | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 18-1-2019   | 26,0000        | P                 | EUR               | 0,3700  | 0,3800  | 0,3700  | 2           | 0,3800  | 0,4200     | 0    | 2            | 2             | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 18-1-2019   | 27,0000        | C                 | EUR               | 1,6700  | 1,6700  | 1,6700  | 1           | 1,6700  | 1,6700     | 2    | 5            | 5             | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 18-1-2019   | 27,0000        | P                 | EUR               | 0,5700  | 0,7200  | 0,5700  | 4           | 0,7200  | 0,6900     | 1    | 51           | 50            | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 18-1-2019   | 28,0000        | C                 | EUR               | 1,0000  | 1,0500  | 0,9900  | 6           | 1,0500  | 1,0400     | 1    | 7            | 7             | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 18-1-2019   | 28,0000        | P                 | EUR               | 1,0000  | 1,1300  | 0,9200  | 12          | 1,0800  | 1,1200     | 1    | 66           | 66            | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 18-1-2019   | 28,5000        | C                 | EUR               | 0,8200  | 0,8200  | 0,8200  | 1           | 0,8200  | 0,8000     | 1    | 108          | 108           | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 18-1-2019   | 28,5000        | P                 | EUR               | 1,2300  | 1,2300  | 1,2000  | 2           | 1,2000  | 1,3900     | 1    | 11           | 11            | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 18-1-2019   | 29,0000        | C                 | EUR               | 0,6900  | 0,7100  | 0,6900  | 2           | 0,7100  | 0,6000     | 1    | 11           | 11            | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 18-1-2019   | 29,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,7000     | 2    | 0            | 0             | 22-10-2            |



| Instrument Type* | Instrument Trading Symbol | Instrument Name              | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open    | High    | Low     | Trade Count | Close   | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|------------------------------|-------------|----------------|-------------------|-------------------|---------|---------|---------|-------------|---------|------------|------|--------------|---------------|--------------------|
| O                | RD                        | Royal Dutch Shell 'A' Shares | 15-3-2019   | 22,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,3000     |      | 6            | 0             | 3 22-10-2018       |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 15-3-2019   | 22,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1400     |      | 0            | 0             | 1523 22-10-2018    |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 15-3-2019   | 24,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,3600     |      | 4            | 0             | 187 22-10-2018     |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 15-3-2019   | 24,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3100     |      | 0            | 0             | 1368 22-10-2018    |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 15-3-2019   | 25,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,4200     |      | 3            | 0             | 497 22-10-2018     |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 15-3-2019   | 25,0000        | P                 | EUR               | 0,4100  | 0,4100  | 0,4100  | 3           | 0,4100  | 0,4800     |      | 0            | 9             | 1900 22-10-2018    |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 15-3-2019   | 26,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,5600     |      | 3            | 0             | 3807 22-10-2018    |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 15-3-2019   | 26,0000        | P                 | EUR               | 0,6600  | 0,7400  | 0,6300  | 3           | 0,7400  | 0,7300     |      | 1            | 41            | 10696 22-10-2018   |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 15-3-2019   | 27,0000        | C                 | EUR               | 1,9500  | 1,9500  | 1,8000  | 5           | 1,8000  | 1,8100     |      | 2            | 116           | 2198 22-10-2018    |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 15-3-2019   | 27,0000        | P                 | EUR               | 1,0200  | 1,0200  | 1,0200  | 1           | 1,0200  | 1,0900     |      | 1            | 1             | 7279 22-10-2018    |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 15-3-2019   | 28,0000        | C                 | EUR               | 1,4400  | 1,4400  | 1,2700  | 2           | 1,2700  | 1,2300     |      | 1            | 15            | 8356 22-10-2018    |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 15-3-2019   | 28,0000        | P                 | EUR               | 1,3600  | 1,5600  | 1,3600  | 5           | 1,5600  | 1,5800     |      | 2            | 97            | 9665 22-10-2018    |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 15-3-2019   | 29,0000        | C                 | EUR               | 0,9000  | 0,9000  | 0,7700  | 3           | 0,7700  | 0,8000     |      | 1            | 12            | 2327 22-10-2018    |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 15-3-2019   | 29,0000        | P                 | EUR               | 2,2100  | 2,2300  | 2,2000  | 3           | 2,2000  | 2,2000     |      | 2            | 4             | 4433 22-10-2018    |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 15-3-2019   | 30,0000        | C                 | EUR               | 0,5800  | 0,5900  | 0,4800  | 6           | 0,5000  | 0,5000     |      | 1            | 18            | 9607 22-10-2018    |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 15-3-2019   | 30,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,9300     |      | 3            | 0             | 1922 22-10-2018    |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 15-3-2019   | 32,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1800     |      | 0            | 0             | 2933 22-10-2018    |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 15-3-2019   | 32,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,6500     |      | 5            | 0             | 1921 22-10-2018    |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 15-3-2019   | 34,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0700     |      | 0            | 0             | 2111 22-10-2018    |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 15-3-2019   | 34,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,5500     |      | 7            | 0             | 286 22-10-2018     |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 15-3-2019   | 35,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0400     |      | 0            | 0             | 2011 22-10-2018    |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 15-3-2019   | 35,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,5200     |      | 8            | 0             | 387 22-10-2018     |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 15-3-2019   | 40,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 374 22-10-2018     |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 15-3-2019   | 40,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,4900    |      | 12           | 0             | 82 22-10-2018      |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 15-3-2019   | 45,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 1953 22-10-2018    |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 15-3-2019   | 45,0000        | P                 | EUR               | 17,5000 | 17,5000 | 17,5000 | 1           | 17,5000 | 17,4900    |      | 17           | 1             | 154 22-10-2018     |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-6-2019   | 15,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 13,2800    |      | 13           | 0             | 1 22-10-2018       |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-6-2019   | 15,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0300     |      | 0            | 0             | 968 22-10-2018     |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-6-2019   | 18,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,2800    |      | 10           | 0             | 0 22-10-2018       |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-6-2019   | 18,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0800     |      | 0            | 0             | 170 22-10-2018     |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-6-2019   | 20,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,2800     |      | 8            | 0             | 62 22-10-2018      |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-6-2019   | 20,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1400     |      | 0            | 0             | 4290 22-10-2018    |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-6-2019   | 21,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,2800     |      | 7            | 0             | 100 22-10-2018     |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-6-2019   | 21,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2000     |      | 0            | 0             | 1740 22-10-2018    |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-6-2019   | 22,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,2800     |      | 6            | 0             | 182 22-10-2018     |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-6-2019   | 22,0000        | P                 | EUR               | 0,3000  | 0,3000  | 0,3000  | 1           | 0,3000  | 0,2900     |      | 0            | 1             | 1544 22-10-2018    |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-6-2019   | 23,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,3500     |      | 5            | 0             | 520 22-10-2018     |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-6-2019   | 23,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,4100     |      | 0            | 0             | 2911 22-10-2018    |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-6-2019   | 24,0000        | C                 | EUR               | 4,4100  | 4,4100  | 4,4100  | 1           | 4,4100  | 4,3800     |      | 4            | 1             | 160 22-10-2018     |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-6-2019   | 24,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,5800     |      | 1            | 0             | 5127 22-10-2018    |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-6-2019   | 25,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,4800     |      | 3            | 0             | 260 22-10-2018     |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-6-2019   | 25,0000        | P                 | EUR               | 0,7700  | 0,7700  | 0,7300  | 3           | 0,7300  | 0,8300     |      | 1            | 201           | 931 22-10-2018     |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-6-2019   | 26,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,6600     |      | 3            | 0             | 3834 22-10-2018    |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-6-2019   | 26,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,1600     |      | 1            | 0             | 9878 22-10-2018    |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-6-2019   | 27,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,9800     |      | 2            | 0             | 456 22-10-2018     |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-6-2019   | 27,0000        | P                 | EUR               | 1,6300  | 1,6300  | 1,6300  | 1           | 1,6300  | 1,6000     |      | 2            | 1             | 917 22-10-2018     |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-6-2019   | 28,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,4400     |      | 1            | 0             | 10063 22-10-2018   |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-6-2019   | 28,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,1300     |      | 2            | 0             | 4430 22-10-2018    |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-6-2019   | 29,0000        | C                 | EUR               | 1,1600  | 1,1600  | 1,0500  | 3           | 1,0500  | 1,0200     |      | 1            | 16            | 1821 22-10-2018    |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-6-2019   | 29,0000        | P                 | EUR               | 2,7900  | 2,7900  | 2,7900  | 1           | 2,7900  | 2,7600     |      | 3            | 56            | 2431 22-10-2018    |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-6-2019   | 30,0000        | C                 | EUR               | 0,8700  | 0,8700  | 0,7000  | 3           | 0,7000  | 0,7100     |      | 1            | 19            | 17156 22-10-2018   |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-6-2019   | 30,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,4900     |      | 3            | 0             | 4431 22-10-2018    |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-6-2019   | 32,0000        | C                 | EUR               | 0,3300  | 0,3300  | 0,3300  | 1           | 0,3300  | 0,3300     |      | 0            | 1             | 2552 22-10-2018    |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-6-2019   | 32,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,1500     |      | 5            | 0             | 557 22-10-2018     |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-6-2019   | 35,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1000     |      | 0            | 0             | 4823 22-10-2018    |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-6-2019   | 35,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,9500     |      | 8            | 0             | 1035 22-10-2018    |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-6-2019   | 40,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0200     |      | 0            | 0             | 16847 22-10-2018   |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-6-2019   | 40,0000        | P                 | EUR               | 12,7000 | 12,7000 | 12,7000 | 1           | 12,7000 | 12,9000    |      | 13           | 10            | 617 22-10-2018     |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-6-2019   | 45,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 0 22-10-2018       |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 21-6-2019   | 45,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 17,9000    |      | 18           | 0             | 227 22-10-2018     |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-9-2019   | 22,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,3000     |      | 6            | 0             | 100 22-10-2018     |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-9-2019   | 22,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,4500     |      | 0            | 0             | 58 22-10-2018      |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-9-2019   | 24,0000        | C                 | EUR               | 4,6600  | 4,6600  | 4,6600  | 1           | 4,6600  | 4,4000     |      | 4            | 100           | 310 22-10-2018     |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-9-2019   | 24,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,8600     |      | 1            | 0             | 724 22-10-2018     |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-9-2019   | 25,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,5300     |      | 4            | 0             | 102 22-10-2018     |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-9-2019   | 25,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,1700     |      | 1            | 0             | 650 22-10-2018     |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-9-2019   | 26,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,7600     |      | 3            | 0             | 14 22-10-2018      |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-9-2019   | 26,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,5600     |      | 2            | 0             | 570 22-10-2018     |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-9-2019   | 27,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,1000     |      | 2            | 0             | 3 22-10-2018       |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-9-2019   | 27,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,0400     |      | 2            | 0             | 26 22-10-2018      |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-9-2019   | 28,0000        | C                 | EUR               | 1,6000  | 1,6000  | 1,6000  | 1           | 1,6000  | 1,5900     |      | 2            | 5             | 40 22-10-2018      |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-9-2019   | 28,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,6100     |      | 3            | 0             | 159 22-10-2018     |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-9-2019   | 29,0000        | C                 | EUR               | 1,2100  | 1,2100  | 1,2100  | 1           | 1,2100  | 1,1700     |      | 1            | 10            | 120 22-10-2018     |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-9-2019   | 29,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,2600     |      | 3            | 0             | 6 22-10-2018       |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-9-2019   | 30,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,8600     |      | 1            | 0             | 193 22-10-2018     |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-9-2019   | 30,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0       |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name              | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open    | High    | Low     | Trade Count | Close   | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|------------------------------|-------------|----------------|-------------------|-------------------|---------|---------|---------|-------------|---------|------------|------|--------------|---------------|--------------------|
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-12-2019  | 10,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 1672          | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-12-2019  | 12,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 16,2800    | 16   | 0            | 0             | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-12-2019  | 12,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0300     | 0    | 0            | 128           | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-12-2019  | 14,0000        | C                 | EUR               | 14,5000 | 14,5000 | 14,4500 | 2           | 14,4500 | 14,2800    | 14   | 12           | 18            | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-12-2019  | 14,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0600     | 0    | 0            | 611           | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-12-2019  | 15,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 13,2800    | 13   | 0            | 12            | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-12-2019  | 15,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0800     | 0    | 0            | 2754          | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-12-2019  | 16,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,2800    | 12   | 0            | 0             | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-12-2019  | 16,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1100     | 0    | 0            | 587           | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-12-2019  | 17,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 11,2800    | 11   | 0            | 125           | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-12-2019  | 17,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1400     | 0    | 0            | 1217          | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-12-2019  | 18,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,2800    | 10   | 0            | 26            | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-12-2019  | 18,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1900     | 0    | 0            | 2114          | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-12-2019  | 19,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 9,2800     | 9    | 0            | 87            | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-12-2019  | 19,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2600     | 0    | 0            | 2698          | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-12-2019  | 20,0000        | C                 | EUR               | 8,2500  | 8,2500  | 8,2500  | 1           | 8,2500  | 8,2800     | 8    | 1            | 607           | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-12-2019  | 20,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3600     | 0    | 0            | 18089         | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-12-2019  | 21,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,3000     | 7    | 0            | 68            | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-12-2019  | 21,0000        | P                 | EUR               | 0,4700  | 0,4700  | 0,4700  | 2           | 0,4700  | 0,4800     | 0    | 150          | 6491          | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-12-2019  | 22,0000        | C                 | EUR               | 6,6000  | 6,6000  | 6,3000  | 4           | 6,3000  | 6,3000     | 6    | 91           | 666           | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-12-2019  | 22,0000        | P                 | EUR               | 0,6300  | 0,6400  | 0,6200  | 3           | 0,6400  | 0,6500     | 1    | 3            | 21615         | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-12-2019  | 23,0000        | C                 | EUR               | 5,4000  | 5,4000  | 5,4000  | 2           | 5,4000  | 5,3500     | 5    | 100          | 856           | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-12-2019  | 23,0000        | P                 | EUR               | 0,8500  | 0,8500  | 0,8500  | 1           | 0,8500  | 0,8700     | 1    | 1            | 7413          | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-12-2019  | 24,0000        | C                 | EUR               | 4,4500  | 4,4500  | 4,4500  | 1           | 4,4500  | 4,4200     | 4    | 10           | 713           | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-12-2019  | 24,0000        | P                 | EUR               | 1,0900  | 1,0900  | 1,0900  | 1           | 1,0900  | 1,1600     | 1    | 30           | 15089         | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-12-2019  | 25,0000        | C                 | EUR               | 3,6400  | 3,6400  | 3,6400  | 1           | 3,6400  | 3,5700     | 4    | 1            | 7224          | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-12-2019  | 25,0000        | P                 | EUR               | 1,4400  | 1,5400  | 1,4400  | 4           | 1,5000  | 1,5200     | 2    | 17           | 9498          | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-12-2019  | 26,0000        | C                 | EUR               | 2,9400  | 2,9400  | 2,8200  | 5           | 2,8600  | 2,8500     | 3    | 24           | 12399         | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-12-2019  | 26,0000        | P                 | EUR               | 1,8800  | 1,9500  | 1,7900  | 3           | 1,9500  | 1,9500     | 2    | 11           | 7725          | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-12-2019  | 28,0000        | C                 | EUR               | 1,9000  | 1,9000  | 1,6900  | 6           | 1,6900  | 1,7300     | 2    | 8            | 18657         | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-12-2019  | 28,0000        | P                 | EUR               | 2,9200  | 3,0300  | 2,9200  | 3           | 3,0300  | 3,0400     | 3    | 5            | 5471          | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-12-2019  | 30,0000        | C                 | EUR               | 1,0700  | 1,1300  | 0,9800  | 12          | 0,9800  | 1,0100     | 1    | 26           | 17965         | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-12-2019  | 30,0000        | P                 | EUR               | 4,2000  | 4,4100  | 4,2000  | 3           | 4,4000  | 4,4400     | 4    | 13           | 7133          | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-12-2019  | 32,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,5700     | 1    | 0            | 3983          | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-12-2019  | 32,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,1000     | 6    | 0            | 658           | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-12-2019  | 35,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2400     | 0    | 0            | 13131         | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-12-2019  | 35,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,8200     | 9    | 0            | 2818          | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-12-2019  | 40,0000        | C                 | EUR               | 0,0700  | 0,0700  | 0,0700  | 1           | 0,0700  | 0,0600     | 0    | 73           | 13681         | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-12-2019  | 40,0000        | P                 | EUR               | 13,6500 | 13,6500 | 13,6500 | 1           | 13,6500 | 13,6700    | 14   | 4            | 2190          | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-12-2019  | 50,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 1733          | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 20-12-2019  | 50,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 23,6500    | 24   | 0            | 3890          | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 19-6-2020   | 22,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,3300     | 6    | 0            | 200           | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 19-6-2020   | 22,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,0400     | 1    | 0            | 478           | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 19-6-2020   | 24,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,4400     | 4    | 0            | 63            | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 19-6-2020   | 24,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,7200     | 2    | 0            | 8             | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 19-6-2020   | 25,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,6400     | 4    | 0            | 60            | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 19-6-2020   | 25,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,1500     | 2    | 0            | 799           | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 19-6-2020   | 26,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,9400     | 3    | 0            | 22            | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 19-6-2020   | 26,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,6500     | 3    | 0            | 446           | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 19-6-2020   | 28,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,9000     | 2    | 0            | 185           | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 19-6-2020   | 28,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,8600     | 4    | 0            | 179           | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 19-6-2020   | 30,0000        | C                 | EUR               | 1,2600  | 1,2600  | 1,2500  | 2           | 1,2500  | 1,1800     | 1    | 60           | 375           | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 19-6-2020   | 30,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,2700     | 5    | 0            | 42            | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 19-6-2020   | 35,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3500     | 0    | 0            | 56            | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 19-6-2020   | 35,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 9,6200     | 10   | 0            | 40            | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 19-6-2020   | 40,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1100     | 0    | 0            | 0             | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 19-6-2020   | 40,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 14,4200    | 14   | 0            | 105           | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 18-12-2020  | 10,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 18,2800    | 18   | 0            | 4             | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 18-12-2020  | 10,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0400     | 0    | 0            | 1585          | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 18-12-2020  | 12,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 16,2800    | 16   | 0            | 17            | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 18-12-2020  | 12,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0800     | 0    | 0            | 640           | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 18-12-2020  | 15,0000        | C                 | EUR               | 13,4500 | 13,5000 | 13,4500 | 2           | 13,5000 | 13,2800    | 13   | 8            | 579           | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 18-12-2020  | 15,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2200     | 0    | 0            | 2189          | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 18-12-2020  | 16,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,2800    | 12   | 0            | 23            | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 18-12-2020  | 16,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3000     | 0    | 0            | 2330          | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 18-12-2020  | 18,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,2800    | 10   | 0            | 110           | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 18-12-2020  | 18,0000        | P                 | EUR               | 0,5100  | 0,5100  | 0,5100  | 1           | 0,5100  | 0,5200     | 1    | 1            | 1993          | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 18-12-2020  | 20,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,2800     | 8    | 0            | 297           | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 18-12-2020  | 20,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,9000     | 1    | 0            | 3518          | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 18-12-2020  | 21,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,2800     | 7    | 0            | 51            | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 18-12-2020  | 21,0000        | P                 | EUR               | 1,1100  | 1,1100  | 1,1000  | 3           | 1,1000  | 1,1700     | 1    | 99           | 701           | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 18-12-2020  | 22,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,3000     | 6    | 0            | 443           | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 18-12-2020  | 22,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,4900     | 1    | 0            | 7814          | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 18-12-2020  | 23,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,3500     | 5    | 0            | 929           | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares | 18-12-2020  | 23,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,8600     | 2    | 0            | 1343          | 22-10-2018         |
| O                | RD                        | Royal Dutch Shell 'A' Shares |             |                |                   |                   |         |         |         |             |         |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name                        | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open    | High    | Low     | Trade Count | Close   | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|--|-------------|----------------|-------------------|-------------------|---------|---------|---------|-------------|---------|------------|------|--------------|---------------|--------------------|
| O                | RD                        | Royal Dutch Shell 'A' Shares           | 18-12-2020  | 32,0000        | C                 | EUR               | 0,9000  | 0,9000  | 0,9000  | 2           | 0,9000  | 0,8800     |      | 1            | 2             | 176 22-10-2018     |
| O                | RD                        | Royal Dutch Shell 'A' Shares           | 18-12-2020  | 32,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,7000     |      | 8            | 0             | 225 22-10-2018     |
| O                | RD                        | Royal Dutch Shell 'A' Shares           | 18-12-2020  | 35,0000        | C                 | EUR               | 0,4400  | 0,4400  | 0,4400  | 1           | 0,4400  | 0,4600     |      | 0            | 1             | 2809 22-10-2018    |
| O                | RD                        | Royal Dutch Shell 'A' Shares           | 18-12-2020  | 35,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,4000    |      | 10           | 0             | 1015 22-10-2018    |
| O                | RD                        | Royal Dutch Shell 'A' Shares           | 18-12-2020  | 40,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1600     |      | 0            | 0             | 5249 22-10-2018    |
| O                | RD                        | Royal Dutch Shell 'A' Shares           | 18-12-2020  | 40,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 15,1500    |      | 15           | 0             | 1925 22-10-2018    |
| O                | RD                        | Royal Dutch Shell 'A' Shares           | 18-12-2020  | 50,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0200     |      | 0            | 0             | 2391 22-10-2018    |
| O                | RD                        | Royal Dutch Shell 'A' Shares           | 18-12-2020  | 50,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 25,0700    |      | 25           | 0             | 1574 22-10-2018    |
| O                | RD                        | Royal Dutch Shell 'A' Shares           | 17-12-2021  | 15,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 13,2800    |      | 13           | 0             | 19 22-10-2018      |
| O                | RD                        | Royal Dutch Shell 'A' Shares           | 17-12-2021  | 15,0000        | P                 | EUR               | 0,4400  | 0,4400  | 0,4400  | 1           | 0,4400  | 0,4500     |      | 0            | 1             | 1258 22-10-2018    |
| O                | RD                        | Royal Dutch Shell 'A' Shares           | 17-12-2021  | 16,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,2800    |      | 12           | 0             | 5 22-10-2018       |
| O                | RD                        | Royal Dutch Shell 'A' Shares           | 17-12-2021  | 16,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,5900     |      | 1            | 0             | 949 22-10-2018     |
| O                | RD                        | Royal Dutch Shell 'A' Shares           | 17-12-2021  | 18,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,2800    |      | 10           | 0             | 5 22-10-2018       |
| O                | RD                        | Royal Dutch Shell 'A' Shares           | 17-12-2021  | 18,0000        | P                 | EUR               | 0,9400  | 0,9700  | 0,9400  | 2           | 0,9700  | 0,9900     |      | 1            | 2             | 6965 22-10-2018    |
| O                | RD                        | Royal Dutch Shell 'A' Shares           | 17-12-2021  | 20,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,2800     |      | 8            | 0             | 174 22-10-2018     |
| O                | RD                        | Royal Dutch Shell 'A' Shares           | 17-12-2021  | 20,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,5700     |      | 2            | 0             | 3221 22-10-2018    |
| O                | RD                        | Royal Dutch Shell 'A' Shares           | 17-12-2021  | 21,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,2800     |      | 7            | 0             | 440 22-10-2018     |
| O                | RD                        | Royal Dutch Shell 'A' Shares           | 17-12-2021  | 21,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,9300     |      | 2            | 0             | 859 22-10-2018     |
| O                | RD                        | Royal Dutch Shell 'A' Shares           | 17-12-2021  | 22,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,2800     |      | 6            | 0             | 520 22-10-2018     |
| O                | RD                        | Royal Dutch Shell 'A' Shares           | 17-12-2021  | 22,0000        | P                 | EUR               | 2,2600  | 2,2600  | 2,2600  | 1           | 2,2600  | 2,3500     |      | 2            | 1             | 1473 22-10-2018    |
| O                | RD                        | Royal Dutch Shell 'A' Shares           | 17-12-2021  | 23,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,3300     |      | 5            | 0             | 775 22-10-2018     |
| O                | RD                        | Royal Dutch Shell 'A' Shares           | 17-12-2021  | 23,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,8200     |      | 3            | 0             | 624 22-10-2018     |
| O                | RD                        | Royal Dutch Shell 'A' Shares           | 17-12-2021  | 24,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,4600     |      | 4            | 0             | 673 22-10-2018     |
| O                | RD                        | Royal Dutch Shell 'A' Shares           | 17-12-2021  | 24,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,3400     |      | 3            | 0             | 1156 22-10-2018    |
| O                | RD                        | Royal Dutch Shell 'A' Shares           | 17-12-2021  | 25,0000        | C                 | EUR               | 3,8000  | 3,8000  | 3,8000  | 1           | 3,8000  | 3,7200     |      | 4            | 1             | 7549 22-10-2018    |
| O                | RD                        | Royal Dutch Shell 'A' Shares           | 17-12-2021  | 25,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,9000     |      | 4            | 0             | 2146 22-10-2018    |
| O                | RD                        | Royal Dutch Shell 'A' Shares           | 17-12-2021  | 26,0000        | C                 | EUR               | 3,3800  | 3,3800  | 3,3000  | 2           | 3,3000  | 3,1200     |      | 3            | 2             | 6622 22-10-2018    |
| O                | RD                        | Royal Dutch Shell 'A' Shares           | 17-12-2021  | 26,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,5400     |      | 5            | 0             | 3100 22-10-2018    |
| O                | RD                        | Royal Dutch Shell 'A' Shares           | 17-12-2021  | 28,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,2000     |      | 2            | 0             | 4681 22-10-2018    |
| O                | RD                        | Royal Dutch Shell 'A' Shares           | 17-12-2021  | 28,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,9200     |      | 6            | 0             | 3684 22-10-2018    |
| O                | RD                        | Royal Dutch Shell 'A' Shares           | 17-12-2021  | 30,0000        | C                 | EUR               | 1,6500  | 1,6800  | 1,5300  | 10          | 1,5700  | 1,5400     |      | 2            | 46            | 8427 22-10-2018    |
| O                | RD                        | Royal Dutch Shell 'A' Shares           | 17-12-2021  | 30,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,4500     |      | 7            | 0             | 1654 22-10-2018    |
| O                | RD                        | Royal Dutch Shell 'A' Shares           | 17-12-2021  | 32,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,0800     |      | 1            | 0             | 1563 22-10-2018    |
| O                | RD                        | Royal Dutch Shell 'A' Shares           | 17-12-2021  | 32,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 9,0700     |      | 9            | 0             | 383 22-10-2018     |
| O                | RD                        | Royal Dutch Shell 'A' Shares           | 17-12-2021  | 35,0000        | C                 | EUR               | 0,6800  | 0,6800  | 0,6800  | 1           | 0,6800  | 0,6400     |      | 1            | 1             | 3864 22-10-2018    |
| O                | RD                        | Royal Dutch Shell 'A' Shares           | 17-12-2021  | 35,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 11,7000    |      | 12           | 0             | 129 22-10-2018     |
| O                | RD                        | Royal Dutch Shell 'A' Shares           | 17-12-2021  | 40,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2700     |      | 0            | 0             | 7574 22-10-2018    |
| O                | RD                        | Royal Dutch Shell 'A' Shares           | 17-12-2021  | 40,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 16,4000    |      | 16           | 0             | 157 22-10-2018     |
| O                | RD                        | Royal Dutch Shell 'A' Shares           | 17-12-2021  | 50,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0600     |      | 0            | 0             | 670 22-10-2018     |
| O                | RD                        | Royal Dutch Shell 'A' Shares           | 17-12-2021  | 50,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 26,2500    |      | 26           | 0             | 508 22-10-2018     |
| O                | RD                        | Royal Dutch Shell 'A' Shares           | 16-12-2022  | 15,0000        | C                 | EUR               | 13,4500 | 13,5000 | 13,2200 | 3           | 13,2200 | 13,2800    |      | 13           | 16            | 207 22-10-2018     |
| O                | RD                        | Royal Dutch Shell 'A' Shares           | 16-12-2022  | 15,0000        | P                 | EUR               | 0,7300  | 0,7300  | 0,7300  | 1           | 0,7300  | 0,7300     |      | 1            | 5             | 867 22-10-2018     |
| O                | RD                        | Royal Dutch Shell 'A' Shares           | 16-12-2022  | 18,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,2800    |      | 10           | 0             | 10 22-10-2018      |
| O                | RD                        | Royal Dutch Shell 'A' Shares           | 16-12-2022  | 18,0000        | P                 | EUR               | 1,4500  | 1,4500  | 1,4500  | 1           | 1,4500  | 1,4800     |      | 1            | 1             | 778 22-10-2018     |
| O                | RD                        | Royal Dutch Shell 'A' Shares           | 16-12-2022  | 20,0000        | C                 | EUR               | 8,7000  | 8,7000  | 8,5500  | 2           | 8,5500  | 8,2800     |      | 8            | 2             | 157 22-10-2018     |
| O                | RD                        | Royal Dutch Shell 'A' Shares           | 16-12-2022  | 20,0000        | P                 | EUR               | 2,1000  | 2,1000  | 2,1000  | 2           | 2,1000  | 2,2200     |      | 2            | 2             | 2419 22-10-2018    |
| O                | RD                        | Royal Dutch Shell 'A' Shares           | 16-12-2022  | 22,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,2800     |      | 6            | 0             | 32 22-10-2018      |
| O                | RD                        | Royal Dutch Shell 'A' Shares           | 16-12-2022  | 22,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,1200     |      | 3            | 0             | 168 22-10-2018     |
| O                | RD                        | Royal Dutch Shell 'A' Shares           | 16-12-2022  | 24,0000        | C                 | EUR               | 4,5000  | 4,5000  | 4,3500  | 4           | 4,3500  | 4,4500     |      | 4            | 4             | 2880 22-10-2018    |
| O                | RD                        | Royal Dutch Shell 'A' Shares           | 16-12-2022  | 24,0000        | P                 | EUR               | 4,1400  | 4,1400  | 4,1400  | 1           | 4,1400  | 4,2300     |      | 4            | 11            | 1012 22-10-2018    |
| O                | RD                        | Royal Dutch Shell 'A' Shares           | 16-12-2022  | 25,0000        | C                 | EUR               | 4,0200  | 4,0200  | 3,6800  | 4           | 3,7800  | 3,7500     |      | 4            | 12            | 9989 22-10-2018    |
| O                | RD                        | Royal Dutch Shell 'A' Shares           | 16-12-2022  | 25,0000        | P                 | EUR               | 4,8100  | 4,9500  | 4,8100  | 4           | 4,9500  | 4,8500     |      | 5            | 12            | 2184 22-10-2018    |
| O                | RD                        | Royal Dutch Shell 'A' Shares           | 16-12-2022  | 26,0000        | C                 | EUR               | 3,3500  | 3,3500  | 3,1500  | 8           | 3,1500  | 3,1500     |      | 3            | 24            | 3963 22-10-2018    |
| O                | RD                        | Royal Dutch Shell 'A' Shares           | 16-12-2022  | 26,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,5200     |      | 6            | 0             | 1587 22-10-2018    |
| O                | RD                        | Royal Dutch Shell 'A' Shares           | 16-12-2022  | 28,0000        | C                 | EUR               | 2,4000  | 2,4100  | 2,2400  | 8           | 2,2400  | 2,2600     |      | 2            | 8             | 5091 22-10-2018    |
| O                | RD                        | Royal Dutch Shell 'A' Shares           | 16-12-2022  | 28,0000        | P                 | EUR               | 6,7000  | 6,9000  | 6,7000  | 2           | 6,9000  | 6,9500     |      | 7            | 5             | 2222 22-10-2018    |
| O                | RD                        | Royal Dutch Shell 'A' Shares           | 16-12-2022  | 30,0000        | C                 | EUR               | 1,7500  | 1,7700  | 1,6200  | 19          | 1,6400  | 1,6300     |      | 2            | 84            | 3790 22-10-2018    |
| O                | RD                        | Royal Dutch Shell 'A' Shares           | 16-12-2022  | 30,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,5500     |      | 9            | 0             | 1007 22-10-2018    |
| O                | RD                        | Royal Dutch Shell 'A' Shares           | 16-12-2022  | 32,0000        | C                 | EUR               | 1,2400  | 1,2800  | 1,1700  | 13          | 1,2000  | 1,2000     |      | 1            | 102           | 667 22-10-2018     |
| O                | RD                        | Royal Dutch Shell 'A' Shares           | 16-12-2022  | 32,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,2000    |      | 10           | 0             | 178 22-10-2018     |
| O                | RD                        | Royal Dutch Shell 'A' Shares           | 16-12-2022  | 35,0000        | C                 | EUR               | 0,8000  | 0,8200  | 0,7800  | 5           | 0,7800  | 0,7500     |      | 1            | 6             | 345 22-10-2018     |
| O                | RD                        | Royal Dutch Shell 'A' Shares           | 16-12-2022  | 35,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,8200    |      | 13           | 0             | 165 22-10-2018     |
| O                | RD                        | Royal Dutch Shell 'A' Shares           | 16-12-2022  | 40,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3600     |      | 0            | 0             | 1817 22-10-2018    |
| O                | RD                        | Royal Dutch Shell 'A' Shares           | 16-12-2022  | 40,0000        | P                 | EUR               | 17,2500 | 17,2500 | 17,2500 | 1           | 17,2500 | 17,4500    |      | 17           | 1             | 468 22-10-2018     |
| O                | RD                        | Royal Dutch Shell 'A' Shares           | 16-12-2022  | 50,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1000     |      | 0            | 0             | 5170 22-10-2018    |
| O                | RD                        | Royal Dutch Shell 'A' Shares           | 16-12-2022  | 50,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 27,2000    |      | 27           | 0             | 636 22-10-2018     |
| F                | RD6                       | Royal Dutch Shell PLC A - Stock Future | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 27,9223    |      | 28           | 0             | 0 22-10-2018       |
| F                | RD6                       | Royal Dutch Shell PLC A - Stock Future | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 27,9116    |      | 28           | 0             | 0 22-10-2018       |
| F                | RD6                       | Royal Dutch Shell PLC A - Stock Future | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 27,9030    |      | 28           | 0             | 0 22-10-2018       |
| F                | RD6                       | Royal Dutch Shell PLC A - Stock Future | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 27,5437    |      | 28           | 0             | 0 22-10-2018       |
| F                | RD6                       | Royal Dutch Shell PLC A - Stock Future | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 27,1894    |      | 27           | 0             | 0 22-10-2018       |
| F                | RD6                       | Royal Dutch Shell PLC A - Stock Future | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 26,8371    |      | 27           | 0             | 0 22-10-2018       |
| F                | RD8                       | Royal Dutch Shell A - Dividend Future  | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,5100     |      | 2            | 0             | 0 22-10-2018       |
| F                | RD8                       | Royal Dutch Shell A - Dividend Future  | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,5100     |      | 2            | 0             | 0 22-10-2018       |
| F                | RD8                       | Royal Dutch Shell A - Dividend Future  | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,5100     |      | 2            | 0             | 0 22-10-2018       |
| F                | RD8                       |  |             |                |                   |                   |         |         |         |             |         |            |      |              |               |                    |



Euronext Amsterdam N.V. – Beursplein 5, Amsterdam – Tel: +31 (0) 20 721 4444



Euronext Amsterdam N.V. – Beursplein 5, Amsterdam – Tel: +31 (0) 20 721 4444



| Instrument Type* | Instrument Trading Symbol | Instrument Name                             | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |            |
|------------------|---------------------------|---|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|------------|
| O                | R09                       | Royal Dutch Shell A - European Stock Option | 20-12-2019  | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8800     |      | 1            | 0             | 22-10-2018         |            |
| O                | R09                       | Royal Dutch Shell A - European Stock Option | 20-12-2019  | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,4200     |      | 4            | 0             | 22-10-2018         |            |
| O                | R09                       | Royal Dutch Shell A - European Stock Option | 20-12-2019  | 35,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2000     |      | 0            | 0             | 22-10-2018         |            |
| O                | R09                       | Royal Dutch Shell A - European Stock Option | 20-12-2019  | 35,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,7700     |      | 9            | 0             | 22-10-2018         |            |
| O                | R09                       | Royal Dutch Shell A - European Stock Option | 20-12-2019  | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     |      | 0            | 0             | 22-10-2018         |            |
| O                | R09                       | Royal Dutch Shell A - European Stock Option | 20-12-2019  | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,6400    |      | 14           | 0             | 22-10-2018         |            |
| F                | RE6                       | RELX (EUR) - Stock Future                   | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,0953    |      | 17           | 0             | 22-10-2018         |            |
| F                | RE6                       | RELX (EUR) - Stock Future                   | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,0888    |      | 17           | 0             | 22-10-2018         |            |
| F                | RE6                       | RELX (EUR) - Stock Future                   | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,0835    |      | 17           | 0             | 22-10-2018         |            |
| F                | RE6                       | RELX (EUR) - Stock Future                   | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,0778    |      | 17           | 0             | 22-10-2018         |            |
| F                | RE6                       | RELX (EUR) - Stock Future                   | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,7828    |      | 17           | 0             | 22-10-2018         |            |
| F                | RE6                       | RELX (EUR) - Stock Future                   | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,6490    |      | 17           | 0             | 22-10-2018         |            |
| F                | RE8                       | RELX (EUR) - Dividend Future                | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4560     |      | 0            | 0             | 22-10-2018         |            |
| F                | RE8                       | RELX (EUR) - Dividend Future                | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4540     |      | 0            | 0             | 22-10-2018         |            |
| F                | RE8                       | RELX (EUR) - Dividend Future                | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4540     |      | 0            | 0             | 22-10-2018         |            |
| F                | RE8                       | RELX (EUR) - Dividend Future                | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4540     |      | 0            | 0             | 22-10-2018         |            |
| F                | RE8                       | RELX (EUR) - Dividend Future                | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4540     |      | 0            | 0             | 22-10-2018         |            |
| O                | REN                       | RELX (EUR) - Stock Option                   | 16-11-2018  | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1300     |      | 3            | 0             | 22-10-2018         |            |
| O                | REN                       | RELX (EUR) - Stock Option                   | 16-11-2018  | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     |      | 0            | 0             | 22-10-2018         |            |
| O                | REN                       | RELX (EUR) - Stock Option                   | 16-11-2018  | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1500     |      | 2            | 0             | 22-10-2018         |            |
| O                | REN                       | RELX (EUR) - Stock Option                   | 16-11-2018  | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     |      | 0            | 1             | 22-10-2018         |            |
| O                | REN                       | RELX (EUR) - Stock Option                   | 16-11-2018  | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2200     |      | 1            | 0             | 22-10-2018         |            |
| O                | REN                       | RELX (EUR) - Stock Option                   | 16-11-2018  | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     |      | 0            | 19            | 22-10-2018         |            |
| O                | REN                       | RELX (EUR) - Stock Option                   | 16-11-2018  | 16,5000        | C                 | EUR               | 0,7700 | 0,7700 | 0,7300 | 2           | 0,7300 | 0,8100     |      | 1            | 16            | 17                 | 22-10-2018 |
| O                | REN                       | RELX (EUR) - Stock Option                   | 16-11-2018  | 16,5000        | P                 | EUR               | 0,2300 | 0,2300 | 0,2300 | 1           | 0,2300 | 0,2200     |      | 0            | 1             | 35                 | 22-10-2018 |
| O                | REN                       | RELX (EUR) - Stock Option                   | 16-11-2018  | 17,0000        | C                 | EUR               | 0,5300 | 0,5300 | 0,4500 | 4           | 0,4800 | 0,4700     |      | 0            | 34            | 59                 | 22-10-2018 |
| O                | REN                       | RELX (EUR) - Stock Option                   | 16-11-2018  | 17,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3800     |      | 0            | 0             | 116                | 22-10-2018 |
| O                | REN                       | RELX (EUR) - Stock Option                   | 16-11-2018  | 17,5000        | C                 | EUR               | 0,2900 | 0,2900 | 0,2100 | 5           | 0,2500 | 0,2300     |      | 0            | 9             | 163                | 22-10-2018 |
| O                | REN                       | RELX (EUR) - Stock Option                   | 16-11-2018  | 17,5000        | P                 | EUR               | 0,5700 | 0,6800 | 0,5700 | 2           | 0,6800 | 0,6400     |      | 1            | 18            | 66                 | 22-10-2018 |
| O                | REN                       | RELX (EUR) - Stock Option                   | 16-11-2018  | 18,0000        | C                 | EUR               | 0,1300 | 0,1300 | 0,1000 | 5           | 0,1000 | 0,1000     |      | 0            | 21            | 99                 | 22-10-2018 |
| O                | REN                       | RELX (EUR) - Stock Option                   | 16-11-2018  | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0100     |      | 1            | 0             | 1726               | 22-10-2018 |
| O                | REN                       | RELX (EUR) - Stock Option                   | 16-11-2018  | 18,5000        | C                 | EUR               | 0,0600 | 0,0600 | 0,0600 | 1           | 0,0600 | 0,0400     |      | 0            | 10            | 223                | 22-10-2018 |
| O                | REN                       | RELX (EUR) - Stock Option                   | 16-11-2018  | 18,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4500     |      | 1            | 0             | 195                | 22-10-2018 |
| O                | REN                       | RELX (EUR) - Stock Option                   | 16-11-2018  | 19,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 0             | 49                 | 22-10-2018 |
| O                | REN                       | RELX (EUR) - Stock Option                   | 16-11-2018  | 19,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9200     |      | 2            | 0             | 81                 | 22-10-2018 |
| O                | REN                       | RELX (EUR) - Stock Option                   | 16-11-2018  | 19,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 195                | 22-10-2018 |
| O                | REN                       | RELX (EUR) - Stock Option                   | 16-11-2018  | 19,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4100     |      | 2            | 0             | 60                 | 22-10-2018 |
| O                | REN                       | RELX (EUR) - Stock Option                   | 16-11-2018  | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 9                  | 22-10-2018 |
| O                | REN                       | RELX (EUR) - Stock Option                   | 16-11-2018  | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9100     |      | 3            | 0             | 19                 | 22-10-2018 |
| O                | REN                       | RELX (EUR) - Stock Option                   | 16-11-2018  | 21,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 25                 | 22-10-2018 |
| O                | REN                       | RELX (EUR) - Stock Option                   | 16-11-2018  | 21,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9100     |      | 4            | 0             | 0                  | 22-10-2018 |
| O                | REN                       | RELX (EUR) - Stock Option                   | 16-11-2018  | 22,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | REN                       | RELX (EUR) - Stock Option                   | 16-11-2018  | 22,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,9100     |      | 5            | 0             | 0                  | 22-10-2018 |
| O                | REN                       | RELX (EUR) - Stock Option                   | 21-12-2018  | 5,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,9000    |      | 12           | 0             | 0                  | 22-10-2018 |
| O                | REN                       | RELX (EUR) - Stock Option                   | 21-12-2018  | 5,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 10                 | 22-10-2018 |
| O                | REN                       | RELX (EUR) - Stock Option                   | 21-12-2018  | 6,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,6000    |      | 11           | 0             | 0                  | 22-10-2018 |
| O                | REN                       | RELX (EUR) - Stock Option                   | 21-12-2018  | 6,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 104                | 22-10-2018 |
| O                | REN                       | RELX (EUR) - Stock Option                   | 21-12-2018  | 8,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,1000     |      | 9            | 0             | 0                  | 22-10-2018 |
| O                | REN                       | RELX (EUR) - Stock Option                   | 21-12-2018  | 8,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 2                  | 22-10-2018 |
| O                | REN                       | RELX (EUR) - Stock Option                   | 21-12-2018  | 9,1000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,0000     |      | 8            | 0             | 12                 | 22-10-2018 |
| O                | REN                       | RELX (EUR) - Stock Option                   | 21-12-2018  | 9,1000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 107                | 22-10-2018 |
| O                | REN                       | RELX (EUR) - Stock Option                   | 21-12-2018  | 9,7500         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,3500     |      | 7            | 0             | 0                  | 22-10-2018 |
| O                | REN                       | RELX (EUR) - Stock Option                   | 21-12-2018  | 9,7500         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 494                | 22-10-2018 |
| O                | REN                       | RELX (EUR) - Stock Option                   | 21-12-2018  | 10,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,1000     |      | 7            | 0             | 0                  | 22-10-2018 |
| O                | REN                       | RELX (EUR) - Stock Option                   | 21-12-2018  | 10,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 100                | 22-10-2018 |
| O                | REN                       | RELX (EUR) - Stock Option                   | 21-12-2018  | 10,4000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,7000     |      | 7            | 0             | 0                  | 22-10-2018 |
| O                | REN                       | RELX (EUR) - Stock Option                   | 21-12-2018  | 10,4000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 360                | 22-10-2018 |
| O                | REN                       | RELX (EUR) - Stock Option                   | 21-12-2018  | 11,7000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,4000     |      | 5            | 0             | 0                  | 22-10-2018 |
| O                | REN                       | RELX (EUR) - Stock Option                   | 21-12-2018  | 11,7000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 317                | 22-10-2018 |
| O                | REN                       | RELX (EUR) - Stock Option                   | 21-12-2018  | 12,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,1000     |      | 5            | 0             | 0                  | 22-10-2018 |
| O                | REN                       | RELX (EUR) - Stock Option                   | 21-12-2018  | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 79                 | 22-10-2018 |
| O                | REN                       | RELX (EUR) - Stock Option                   | 21-12-2018  | 13,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,1100     |      | 4            | 0             | 1                  | 22-10-2018 |
| O                | REN                       | RELX (EUR) - Stock Option                   | 21-12-2018  | 13,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 419                | 22-10-2018 |
| O                | REN                       | RELX (EUR) - Stock Option                   | 21-12-2018  | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1500     |      | 3            | 0             | 0                  | 22-10-2018 |
| O                | REN                       | RELX (EUR) - Stock Option                   | 21-12-2018  | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     |      | 0            | 0             | 86                 | 22-10-2018 |
| O                | REN                       | RELX (EUR) - Stock Option                   | 21-12-2018  | 14,3000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8600     |      | 3            | 0             | 20                 | 22-10-2018 |
| O                | REN                       | RELX (EUR) - Stock Option                   | 21-12-2018  | 14,3000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     |      | 0            | 0             | 1020               | 22-10-2018 |
| O                | REN                       | RELX (EUR) - Stock Option                   | 21-12-2018  | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2100     |      | 2            | 0             | 23                 | 22-10-2018 |
| O                | REN                       | RELX (EUR) - Stock Option                   | 21-12-2018  | 15,0000        | P                 | EUR               | 0,1100 | 0,1100 | 0,1100 | 1           | 0,1100 | 0,1200     |      | 0            | 12            | 856                | 22-10-2018 |
| O                | REN                       | RELX (EUR) - Stock Option                   | 21-12-2018  | 15,6000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6700     |      | 2            | 0             | 21                 | 22-10-2018 |
| O                | REN                       | RELX (EUR) - Stock Option                   | 21-12-2018  | 15,6000        | P                 | EUR               | 0,1700 | 0,1700 | 0,1700 | 1           | 0,1700 | 0,1800     |      | 0            | 1             | 588                | 22-10-2018 |
| O                | REN                       | RELX (EUR) - Stock Option                   | 21-12-2018  | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3300     |      | 1            | 0             | 267                | 22-10-2018 |
| O                | REN                       | RELX (EUR) - Stock Option                   | 21-12-2018  | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2400     |      | 0            | 0             | 315                | 22-10-2018 |
| O                | REN                       | RELX (EUR) - Stock Option                   | 21-12-2018  | 16,2600        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1300     |      | 1            | 0             | 290                | 22-10-2018 |
| O                | REN                       | RELX (EUR) - Stock Option                   | 21-12-2018  | 16,2600        | P                 | EUR               | 0,3200 | 0,3200 | 0,3200 | 1           | 0,     |            |      |              |               |                    |            |



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| Instrument Type* | Instrument Trading Symbol | Instrument Name           | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|---------------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | REN                       | RELX (EUR) - Stock Option | 21-6-2019   | 26,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,2400     |      | 9            | 0             | 21 22-10-2018      |
| O                | REN                       | RELX (EUR) - Stock Option | 20-9-2019   | 10,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,1000     |      | 7            | 0             | 0 22-10-2018       |
| O                | REN                       | RELX (EUR) - Stock Option | 20-9-2019   | 10,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     |      | 0            | 0             | 0 22-10-2018       |
| O                | REN                       | RELX (EUR) - Stock Option | 20-9-2019   | 12,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,1200     |      | 5            | 0             | 0 22-10-2018       |
| O                | REN                       | RELX (EUR) - Stock Option | 20-9-2019   | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     |      | 0            | 0             | 0 22-10-2018       |
| O                | REN                       | RELX (EUR) - Stock Option | 20-9-2019   | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2600     |      | 3            | 0             | 0 22-10-2018       |
| O                | REN                       | RELX (EUR) - Stock Option | 20-9-2019   | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3600     |      | 0            | 0             | 0 22-10-2018       |
| O                | REN                       | RELX (EUR) - Stock Option | 20-9-2019   | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6900     |      | 2            | 0             | 0 22-10-2018       |
| O                | REN                       | RELX (EUR) - Stock Option | 20-9-2019   | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9200     |      | 1            | 0             | 0 22-10-2018       |
| O                | REN                       | RELX (EUR) - Stock Option | 20-9-2019   | 17,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0900     |      | 1            | 0             | 0 22-10-2018       |
| O                | REN                       | RELX (EUR) - Stock Option | 20-9-2019   | 17,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3700     |      | 1            | 0             | 1 22-10-2018       |
| O                | REN                       | RELX (EUR) - Stock Option | 20-9-2019   | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6500     |      | 1            | 0             | 173 22-10-2018     |
| O                | REN                       | RELX (EUR) - Stock Option | 20-9-2019   | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9700     |      | 2            | 0             | 9 22-10-2018       |
| O                | REN                       | RELX (EUR) - Stock Option | 20-9-2019   | 19,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3700     |      | 0            | 0             | 6 22-10-2018       |
| O                | REN                       | RELX (EUR) - Stock Option | 20-9-2019   | 19,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7100     |      | 3            | 0             | 0 22-10-2018       |
| O                | REN                       | RELX (EUR) - Stock Option | 20-9-2019   | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2000     |      | 0            | 0             | 0 22-10-2018       |
| O                | REN                       | RELX (EUR) - Stock Option | 20-9-2019   | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5600     |      | 4            | 0             | 12 22-10-2018      |
| O                | REN                       | RELX (EUR) - Stock Option | 20-9-2019   | 22,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     |      | 0            | 0             | 0 22-10-2018       |
| O                | REN                       | RELX (EUR) - Stock Option | 20-9-2019   | 22,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,4400     |      | 5            | 0             | 0 22-10-2018       |
| O                | REN                       | RELX (EUR) - Stock Option | 20-9-2019   | 24,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 0             | 0 22-10-2018       |
| O                | REN                       | RELX (EUR) - Stock Option | 20-9-2019   | 24,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,3900     |      | 7            | 0             | 154 22-10-2018     |
| O                | REN                       | RELX (EUR) - Stock Option | 20-12-2019  | 6,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,6000    |      | 11           | 0             | 0 22-10-2018       |
| O                | REN                       | RELX (EUR) - Stock Option | 20-12-2019  | 6,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 47 22-10-2018      |
| O                | REN                       | RELX (EUR) - Stock Option | 20-12-2019  | 8,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,1000     |      | 9            | 0             | 0 22-10-2018       |
| O                | REN                       | RELX (EUR) - Stock Option | 20-12-2019  | 8,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 0             | 8 22-10-2018       |
| O                | REN                       | RELX (EUR) - Stock Option | 20-12-2019  | 9,7500         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,3500     |      | 7            | 0             | 6 22-10-2018       |
| O                | REN                       | RELX (EUR) - Stock Option | 20-12-2019  | 9,7500         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     |      | 0            | 0             | 121 22-10-2018     |
| O                | REN                       | RELX (EUR) - Stock Option | 20-12-2019  | 10,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,1000     |      | 7            | 0             | 24 22-10-2018      |
| O                | REN                       | RELX (EUR) - Stock Option | 20-12-2019  | 10,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     |      | 0            | 0             | 6 22-10-2018       |
| O                | REN                       | RELX (EUR) - Stock Option | 20-12-2019  | 12,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,1400     |      | 5            | 0             | 0 22-10-2018       |
| O                | REN                       | RELX (EUR) - Stock Option | 20-12-2019  | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1900     |      | 0            | 0             | 196 22-10-2018     |
| O                | REN                       | RELX (EUR) - Stock Option | 20-12-2019  | 13,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,2000     |      | 4            | 0             | 75 22-10-2018      |
| O                | REN                       | RELX (EUR) - Stock Option | 20-12-2019  | 13,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3100     |      | 0            | 0             | 655 22-10-2018     |
| O                | REN                       | RELX (EUR) - Stock Option | 20-12-2019  | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3100     |      | 3            | 0             | 0 22-10-2018       |
| O                | REN                       | RELX (EUR) - Stock Option | 20-12-2019  | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4800     |      | 0            | 0             | 305 22-10-2018     |
| O                | REN                       | RELX (EUR) - Stock Option | 20-12-2019  | 14,3000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0700     |      | 3            | 0             | 803 22-10-2018     |
| O                | REN                       | RELX (EUR) - Stock Option | 20-12-2019  | 14,3000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5500     |      | 1            | 0             | 1033 22-10-2018    |
| O                | REN                       | RELX (EUR) - Stock Option | 20-12-2019  | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5100     |      | 3            | 0             | 3 22-10-2018       |
| O                | REN                       | RELX (EUR) - Stock Option | 20-12-2019  | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7400     |      | 1            | 0             | 302 22-10-2018     |
| O                | REN                       | RELX (EUR) - Stock Option | 20-12-2019  | 15,6000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0700     |      | 2            | 0             | 336 22-10-2018     |
| O                | REN                       | RELX (EUR) - Stock Option | 20-12-2019  | 15,6000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9400     |      | 1            | 0             | 1488 22-10-2018    |
| O                | REN                       | RELX (EUR) - Stock Option | 20-12-2019  | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8100     |      | 2            | 0             | 812 22-10-2018     |
| O                | REN                       | RELX (EUR) - Stock Option | 20-12-2019  | 16,0000        | P                 | EUR               | 1,0900 | 1,0900 | 1,0900 | 2           | 1,0900 | 1,0900     |      | 1            | 18            | 297 22-10-2018     |
| O                | REN                       | RELX (EUR) - Stock Option | 20-12-2019  | 16,2600        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6500     |      | 2            | 0             | 347 22-10-2018     |
| O                | REN                       | RELX (EUR) - Stock Option | 20-12-2019  | 16,2600        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2000     |      | 1            | 0             | 132 22-10-2018     |
| O                | REN                       | RELX (EUR) - Stock Option | 20-12-2019  | 18,0000        | C                 | EUR               | 0,7800 | 0,7800 | 0,7800 | 1           | 0,7800 | 0,8100     |      | 1            | 3             | 200 22-10-2018     |
| O                | REN                       | RELX (EUR) - Stock Option | 20-12-2019  | 18,0000        | P                 | EUR               | 2,1400 | 2,1400 | 2,1400 | 1           | 2,1400 | 2,1500     |      | 2            | 13            | 285 22-10-2018     |
| O                | REN                       | RELX (EUR) - Stock Option | 20-12-2019  | 19,5100        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3800     |      | 0            | 0             | 217 22-10-2018     |
| O                | REN                       | RELX (EUR) - Stock Option | 20-12-2019  | 19,5100        | P                 | EUR               | 3,2100 | 3,2100 | 3,2100 | 1           | 3,2100 | 3,2600     |      | 3            | 5             | 291 22-10-2018     |
| O                | REN                       | RELX (EUR) - Stock Option | 20-12-2019  | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3000     |      | 0            | 0             | 146 22-10-2018     |
| O                | REN                       | RELX (EUR) - Stock Option | 20-12-2019  | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,6600     |      | 4            | 0             | 9 22-10-2018       |
| O                | REN                       | RELX (EUR) - Stock Option | 20-12-2019  | 22,7600        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     |      | 0            | 0             | 154 22-10-2018     |
| O                | REN                       | RELX (EUR) - Stock Option | 20-12-2019  | 22,7600        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,2100     |      | 6            | 0             | 87 22-10-2018      |
| O                | REN                       | RELX (EUR) - Stock Option | 20-12-2019  | 25,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 0             | 10 22-10-2018      |
| O                | REN                       | RELX (EUR) - Stock Option | 20-12-2019  | 25,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,4000     |      | 8            | 0             | 271 22-10-2018     |
| O                | REN                       | RELX (EUR) - Stock Option | 19-6-2020   | 10,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,1000     |      | 7            | 0             | 0 22-10-2018       |
| O                | REN                       | RELX (EUR) - Stock Option | 19-6-2020   | 10,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1400     |      | 0            | 0             | 0 22-10-2018       |
| O                | REN                       | RELX (EUR) - Stock Option | 19-6-2020   | 12,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,1500     |      | 5            | 0             | 0 22-10-2018       |
| O                | REN                       | RELX (EUR) - Stock Option | 19-6-2020   | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3300     |      | 0            | 0             | 0 22-10-2018       |
| O                | REN                       | RELX (EUR) - Stock Option | 19-6-2020   | 13,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,2300     |      | 4            | 0             | 0 22-10-2018       |
| O                | REN                       | RELX (EUR) - Stock Option | 19-6-2020   | 13,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5000     |      | 1            | 0             | 0 22-10-2018       |
| O                | REN                       | RELX (EUR) - Stock Option | 19-6-2020   | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3800     |      | 3            | 0             | 0 22-10-2018       |
| O                | REN                       | RELX (EUR) - Stock Option | 19-6-2020   | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7400     |      | 1            | 0             | 0 22-10-2018       |
| O                | REN                       | RELX (EUR) - Stock Option | 19-6-2020   | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6200     |      | 3            | 0             | 0 22-10-2018       |
| O                | REN                       | RELX (EUR) - Stock Option | 19-6-2020   | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0600     |      | 1            | 0             | 0 22-10-2018       |
| O                | REN                       | RELX (EUR) - Stock Option | 19-6-2020   | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9900     |      | 2            | 0             | 4 22-10-2018       |
| O                | REN                       | RELX (EUR) - Stock Option | 19-6-2020   | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4900     |      | 1            | 0             | 4 22-10-2018       |
| O                | REN                       | RELX (EUR) - Stock Option | 19-6-2020   | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0200     |      | 1            | 0             | 0 22-10-2018       |
| O                | REN                       | RELX (EUR) - Stock Option | 19-6-2020   | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6100     |      | 3            | 0             | 2 22-10-2018       |
| O                | REN                       | RELX (EUR) - Stock Option | 19-6-2020   | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4600     |      | 0            | 0             | 7 22-10-2018       |
| O                | REN                       | RELX (EUR) - Stock Option | 19-6-2020   | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,0900     |      | 4            | 0             | 1 22-10-2018       |
| O                | REN                       | RELX (EUR) - Stock Option | 19-6-2020   | 22,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2000     |      | 0            | 0             | 0 22-10-2018       |
| O                | REN                       | RELX (EUR) - Stock Option | 19-6-2020   | 22,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,8600     |      | 6            | 0             | 0 22-10-2018       |
| O                | REN                       | RELX (EUR) - Stock Option | 19-6-2020   | 25,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     |      | 0            | 0             | 0 22-10-2018       |
| O                | REN                       | RELX (EUR) - Stock Option | 19-6-2020   | 25,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,7400     |      | 9            | 0             | 0 22-10-2018       |
| O                | REN                       | RELX (EUR) - Stock Option | 18-12-2020  | 8,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,1000     |      | 9            | 0             | 0 22-10-2018       |
| O                |                           |                           |             |                |                   |                   |        |        |        |             |        |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name               | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |            |
|------------------|---------------------------|-------------------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|------------|
| O                | REN                       | RELX (EUR) - Stock Option     | 18-12-2020  | 18,0000        | C                 | EUR               | 1,1800 | 1,1800 | 1,1800 | 1           | 1,1800 | 1,1900     |      | 1            | 55            | 22-10-2018         |            |
| O                | REN                       | RELX (EUR) - Stock Option     | 18-12-2020  | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9400     |      | 3            | 0             | 66                 | 22-10-2018 |
| O                | REN                       | RELX (EUR) - Stock Option     | 18-12-2020  | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6200     |      | 1            | 511           | 22-10-2018         |            |
| O                | REN                       | RELX (EUR) - Stock Option     | 18-12-2020  | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,4000     |      | 4            | 0             | 121                | 22-10-2018 |
| O                | REN                       | RELX (EUR) - Stock Option     | 18-12-2020  | 22,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3000     |      | 0            | 175           | 22-10-2018         |            |
| O                | REN                       | RELX (EUR) - Stock Option     | 18-12-2020  | 22,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,1000     |      | 6            | 0             | 70                 | 22-10-2018 |
| O                | REN                       | RELX (EUR) - Stock Option     | 18-12-2020  | 25,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1000     |      | 0            | 91            | 22-10-2018         |            |
| O                | REN                       | RELX (EUR) - Stock Option     | 18-12-2020  | 25,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,9200     |      | 9            | 0             | 208                | 22-10-2018 |
| O                | REN                       | RELX (EUR) - Stock Option     | 18-12-2020  | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 0             | 22-10-2018         |            |
| O                | REN                       | RELX (EUR) - Stock Option     | 18-12-2020  | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,8500    |      | 14           | 0             | 0                  | 22-10-2018 |
| O                | REN                       | RELX (EUR) - Stock Option     | 17-12-2021  | 8,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,1000     |      | 9            | 0             | 0                  | 22-10-2018 |
| O                | REN                       | RELX (EUR) - Stock Option     | 17-12-2021  | 8,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1900     |      | 0            | 0             | 22-10-2018         |            |
| O                | REN                       | RELX (EUR) - Stock Option     | 17-12-2021  | 10,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,1100     |      | 7            | 0             | 0                  | 22-10-2018 |
| O                | REN                       | RELX (EUR) - Stock Option     | 17-12-2021  | 10,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4200     |      | 0            | 164           | 22-10-2018         |            |
| O                | REN                       | RELX (EUR) - Stock Option     | 17-12-2021  | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5900     |      | 4            | 0             | 1                  | 22-10-2018 |
| O                | REN                       | RELX (EUR) - Stock Option     | 17-12-2021  | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4700     |      | 1            | 0             | 17                 | 22-10-2018 |
| O                | REN                       | RELX (EUR) - Stock Option     | 17-12-2021  | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9300     |      | 3            | 0             | 149                | 22-10-2018 |
| O                | REN                       | RELX (EUR) - Stock Option     | 17-12-2021  | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8900     |      | 2            | 0             | 223                | 22-10-2018 |
| O                | REN                       | RELX (EUR) - Stock Option     | 17-12-2021  | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3500     |      | 2            | 0             | 213                | 22-10-2018 |
| O                | REN                       | RELX (EUR) - Stock Option     | 17-12-2021  | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3700     |      | 2            | 0             | 978                | 22-10-2018 |
| O                | REN                       | RELX (EUR) - Stock Option     | 17-12-2021  | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4700     |      | 1            | 0             | 214                | 22-10-2018 |
| O                | REN                       | RELX (EUR) - Stock Option     | 17-12-2021  | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5800     |      | 4            | 0             | 786                | 22-10-2018 |
| O                | REN                       | RELX (EUR) - Stock Option     | 17-12-2021  | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8800     |      | 1            | 0             | 290                | 22-10-2018 |
| O                | REN                       | RELX (EUR) - Stock Option     | 17-12-2021  | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,0300     |      | 5            | 0             | 208                | 22-10-2018 |
| O                | REN                       | RELX (EUR) - Stock Option     | 17-12-2021  | 25,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2300     |      | 0            | 303           | 22-10-2018         |            |
| O                | REN                       | RELX (EUR) - Stock Option     | 17-12-2021  | 25,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,4300     |      | 9            | 0             | 197                | 22-10-2018 |
| O                | REN                       | RELX (EUR) - Stock Option     | 17-12-2021  | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     |      | 0            | 0             | 6                  | 22-10-2018 |
| O                | REN                       | RELX (EUR) - Stock Option     | 17-12-2021  | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,2800    |      | 14           | 0             | 60                 | 22-10-2018 |
| O                | REN                       | RELX (EUR) - Stock Option     | 16-12-2022  | 8,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,1000     |      | 9            | 0             | 4                  | 22-10-2018 |
| O                | REN                       | RELX (EUR) - Stock Option     | 16-12-2022  | 8,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3100     |      | 0            | 4             | 22-10-2018         |            |
| O                | REN                       | RELX (EUR) - Stock Option     | 16-12-2022  | 10,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,1100     |      | 7            | 0             | 17                 | 22-10-2018 |
| O                | REN                       | RELX (EUR) - Stock Option     | 16-12-2022  | 10,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6400     |      | 1            | 0             | 60                 | 22-10-2018 |
| O                | REN                       | RELX (EUR) - Stock Option     | 16-12-2022  | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,7200     |      | 4            | 0             | 70                 | 22-10-2018 |
| O                | REN                       | RELX (EUR) - Stock Option     | 16-12-2022  | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9100     |      | 2            | 0             | 122                | 22-10-2018 |
| O                | REN                       | RELX (EUR) - Stock Option     | 16-12-2022  | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1000     |      | 3            | 0             | 30                 | 22-10-2018 |
| O                | REN                       | RELX (EUR) - Stock Option     | 16-12-2022  | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3800     |      | 2            | 0             | 173                | 22-10-2018 |
| O                | REN                       | RELX (EUR) - Stock Option     | 16-12-2022  | 16,0000        | C                 | EUR               | 2,5200 | 2,5200 | 2,5200 | 1           | 2,5200 | 2,5700     |      | 3            | 180           | 22-10-2018         |            |
| O                | REN                       | RELX (EUR) - Stock Option     | 16-12-2022  | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9100     |      | 3            | 0             | 88                 | 22-10-2018 |
| O                | REN                       | RELX (EUR) - Stock Option     | 16-12-2022  | 18,0000        | C                 | EUR               | 1,6600 | 1,6600 | 1,6600 | 1           | 1,6600 | 1,7200     |      | 2            | 1             | 124                | 22-10-2018 |
| O                | REN                       | RELX (EUR) - Stock Option     | 16-12-2022  | 18,0000        | P                 | EUR               | 4,1500 | 4,2500 | 4,1000 | 3           | 4,2500 | 4,1300     |      | 4            | 11            | 2090               | 22-10-2018 |
| O                | REN                       | RELX (EUR) - Stock Option     | 16-12-2022  | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1200     |      | 1            | 0             | 195                | 22-10-2018 |
| O                | REN                       | RELX (EUR) - Stock Option     | 16-12-2022  | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,5700     |      | 6            | 0             | 180                | 22-10-2018 |
| O                | REN                       | RELX (EUR) - Stock Option     | 16-12-2022  | 25,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4100     |      | 0            | 0             | 103                | 22-10-2018 |
| O                | REN                       | RELX (EUR) - Stock Option     | 16-12-2022  | 25,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,8900     |      | 10           | 0             | 42                 | 22-10-2018 |
| O                | REN                       | RELX (EUR) - Stock Option     | 16-12-2022  | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1800     |      | 0            | 0             | 4                  | 22-10-2018 |
| O                | REN                       | RELX (EUR) - Stock Option     | 16-12-2022  | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,6500    |      | 15           | 0             | 50                 | 22-10-2018 |
| O                | REO                       | RELX (EUR) - Stock Option OLD | 21-12-2018  | 5,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,9000    |      | 12           | 0             | 0                  | 22-10-2018 |
| O                | REO                       | RELX (EUR) - Stock Option OLD | 21-12-2018  | 5,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 19            | 22-10-2018         |            |
| O                | REO                       | RELX (EUR) - Stock Option OLD | 21-12-2018  | 6,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,6000    |      | 11           | 0             | 0                  | 22-10-2018 |
| O                | REO                       | RELX (EUR) - Stock Option OLD | 21-12-2018  | 6,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 118           | 22-10-2018         |            |
| O                | REO                       | RELX (EUR) - Stock Option OLD | 21-12-2018  | 9,1000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,0000     |      | 8            | 0             | 0                  | 22-10-2018 |
| O                | REO                       | RELX (EUR) - Stock Option OLD | 21-12-2018  | 9,1000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 139           | 22-10-2018         |            |
| O                | REO                       | RELX (EUR) - Stock Option OLD | 21-12-2018  | 9,7500         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,3500     |      | 7            | 0             | 0                  | 22-10-2018 |
| O                | REO                       | RELX (EUR) - Stock Option OLD | 21-12-2018  | 9,7500         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 496           | 22-10-2018         |            |
| O                | REO                       | RELX (EUR) - Stock Option OLD | 21-12-2018  | 10,4000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,7000     |      | 7            | 0             | 0                  | 22-10-2018 |
| O                | REO                       | RELX (EUR) - Stock Option OLD | 21-12-2018  | 10,4000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 354           | 22-10-2018         |            |
| O                | REO                       | RELX (EUR) - Stock Option OLD | 21-12-2018  | 11,7000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,4000     |      | 5            | 0             | 0                  | 22-10-2018 |
| O                | REO                       | RELX (EUR) - Stock Option OLD | 21-12-2018  | 11,7000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 347           | 22-10-2018         |            |
| O                | REO                       | RELX (EUR) - Stock Option OLD | 21-12-2018  | 13,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,1100     |      | 4            | 0             | 0                  | 22-10-2018 |
| O                | REO                       | RELX (EUR) - Stock Option OLD | 21-12-2018  | 13,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 68            | 22-10-2018         |            |
| O                | REO                       | RELX (EUR) - Stock Option OLD | 21-12-2018  | 14,3000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8600     |      | 3            | 0             | 0                  | 22-10-2018 |
| O                | REO                       | RELX (EUR) - Stock Option OLD | 21-12-2018  | 14,3000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     |      | 0            | 130           | 22-10-2018         |            |
| O                | REO                       | RELX (EUR) - Stock Option OLD | 21-12-2018  | 15,6000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6700     |      | 2            | 0             | 0                  | 22-10-2018 |
| O                | REO                       | RELX (EUR) - Stock Option OLD | 21-12-2018  | 15,6000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1800     |      | 0            | 20            | 22-10-2018         |            |
| O                | REO                       | RELX (EUR) - Stock Option OLD | 21-12-2018  | 16,2600        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1300     |      | 1            | 0             | 157                | 22-10-2018 |
| O                | REO                       | RELX (EUR) - Stock Option OLD | 21-12-2018  | 16,2600        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3000     |      | 0            | 138           | 22-10-2018         |            |
| O                | REO                       | RELX (EUR) - Stock Option OLD | 21-12-2018  | 19,5100        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     |      | 0            | 74            | 22-10-2018         |            |
| O                | REO                       | RELX (EUR) - Stock Option OLD | 21-12-2018  | 19,5100        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4600     |      | 2            | 0             | 166                | 22-10-2018 |
| O                | REO                       | RELX (EUR) - Stock Option OLD | 21-12-2018  | 22,7600        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 20            | 22-10-2018         |            |
| O                | REO                       | RELX (EUR) - Stock Option OLD | 21-12-2018  | 22,7600        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,6800     |      | 6            | 0             | 77                 | 22-10-2018 |
| O                | REO                       | RELX (EUR) - Stock Option OLD | 20-12-2019  | 6,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,6000    |      | 11           | 0             | 0                  | 22-10-2018 |
| O                | REO                       | RELX (EUR) - Stock Option OLD | 20-12-2019  | 6,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 45            | 22-10-2018         |            |
| O                | REO                       | RELX (EUR) - Stock Option OLD | 20-12-2019  | 9,7500         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,3500     |      | 7            | 0             | 2                  | 22-10-2018 |
| O                | REO                       | RELX (EUR) - Stock Option OLD | 20-12-2019  | 9,7500         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     |      | 0            | 315           | 22-10-2018         |            |
| O                | REO                       | RELX (EUR) - Stock Option OLD | 20-12-2019  |                |                   |                   |        |        |        |             |        |            |      |              |               |                    |            |



| Instrument Type* | Instrument Trading Symbol | Instrument Name                  | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|----------------------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | REO                       | RELX (EUR) - Stock Option OLD    | 20-12-2019  | 22,7600        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,2100     |      | 6            | 0             | 105 22-10-2018     |
| F                | RH6                       | Rheinmetall AG - Stock Future    | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 76,1591    |      | 76           | 0             | 0 22-10-2018       |
| F                | RH6                       | Rheinmetall AG - Stock Future    | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 76,1299    |      | 76           | 0             | 0 22-10-2018       |
| F                | RH6                       | Rheinmetall AG - Stock Future    | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 76,1066    |      | 76           | 0             | 0 22-10-2018       |
| F                | RH6                       | Rheinmetall AG - Stock Future    | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 76,0809    |      | 76           | 0             | 0 22-10-2018       |
| F                | RH6                       | Rheinmetall AG - Stock Future    | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 74,0143    |      | 74           | 0             | 0 22-10-2018       |
| F                | RH6                       | Rheinmetall AG - Stock Future    | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 73,9534    |      | 74           | 0             | 0 22-10-2018       |
| F                | RK6                       | Rhoen-Klinikum AG - Stock Future | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,4141    |      | 21           | 0             | 0 22-10-2018       |
| F                | RK6                       | Rhoen-Klinikum AG - Stock Future | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,4059    |      | 21           | 0             | 0 22-10-2018       |
| F                | RK6                       | Rhoen-Klinikum AG - Stock Future | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,3994    |      | 21           | 0             | 0 22-10-2018       |
| F                | RK6                       | Rhoen-Klinikum AG - Stock Future | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,3921    |      | 21           | 0             | 0 22-10-2018       |
| F                | RK6                       | Rhoen-Klinikum AG - Stock Future | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,3722    |      | 21           | 0             | 0 22-10-2018       |
| F                | RK6                       | Rhoen-Klinikum AG - Stock Future | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,3556    |      | 21           | 0             | 0 22-10-2018       |
| F                | RL6                       | RELX (GBX) - Stock Future        | 16-11-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1512,6300  |      | 1513         | 0             | 0 22-10-2018       |
| F                | RL6                       | RELX (GBX) - Stock Future        | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1513,5700  |      | 1514         | 0             | 0 22-10-2018       |
| F                | RL6                       | RELX (GBX) - Stock Future        | 18-1-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1514,3700  |      | 1514         | 0             | 0 22-10-2018       |
| F                | RL6                       | RELX (GBX) - Stock Future        | 15-3-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1516,0800  |      | 1516         | 0             | 0 22-10-2018       |
| F                | RL6                       | RELX (GBX) - Stock Future        | 21-6-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1490,3700  |      | 1490         | 0             | 0 22-10-2018       |
| F                | RL6                       | RELX (GBX) - Stock Future        | 20-9-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1480,6900  |      | 1481         | 0             | 0 22-10-2018       |
| F                | RL8                       | RELX (GBX) - Dividend Future     | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 40,1000    |      | 40           | 0             | 0 22-10-2018       |
| F                | RL8                       | RELX (GBX) - Dividend Future     | 20-12-2019  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 43,0000    |      | 43           | 0             | 0 22-10-2018       |
| F                | RL8                       | RELX (GBX) - Dividend Future     | 18-12-2020  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 45,5000    |      | 46           | 0             | 0 22-10-2018       |
| F                | RL8                       | RELX (GBX) - Dividend Future     | 17-12-2021  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 47,0000    |      | 47           | 0             | 0 22-10-2018       |
| F                | RL8                       | RELX (GBX) - Dividend Future     | 16-12-2022  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 47,0000    |      | 47           | 0             | 0 22-10-2018       |
| O                | RND                       | RANDSTAD NV                      | 16-11-2018  | 36,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,9900     |      | 8            | 0             | 0 22-10-2018       |
| O                | RND                       | RANDSTAD NV                      | 16-11-2018  | 36,0000        | P                 | EUR               | 0,1200 | 0,1200 | 0,1200 | 1           | 0,1200 | 0,1200     |      | 0            | 4             | 9 22-10-2018       |
| O                | RND                       | RANDSTAD NV                      | 16-11-2018  | 38,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,1100     |      | 6            | 0             | 0 22-10-2018       |
| O                | RND                       | RANDSTAD NV                      | 16-11-2018  | 38,0000        | P                 | EUR               | 0,2500 | 0,2500 | 0,2000 | 7           | 0,2500 | 0,2300     |      | 0            | 51            | 57 22-10-2018      |
| O                | RND                       | RANDSTAD NV                      | 16-11-2018  | 40,0000        | C                 | EUR               | 4,0000 | 4,0000 | 4,0000 | 1           | 4,0000 | 4,3200     |      | 4            | 1             | 40 22-10-2018      |
| O                | RND                       | RANDSTAD NV                      | 16-11-2018  | 40,0000        | P                 | EUR               | 0,5000 | 0,5200 | 0,4300 | 10          | 0,5000 | 0,4400     |      | 0            | 25            | 483 22-10-2018     |
| O                | RND                       | RANDSTAD NV                      | 16-11-2018  | 41,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5100     |      | 4            | 0             | 0 22-10-2018       |
| O                | RND                       | RANDSTAD NV                      | 16-11-2018  | 41,0000        | P                 | EUR               | 0,6500 | 0,6700 | 0,6500 | 4           | 0,6700 | 0,6300     |      | 1            | 7             | 7 22-10-2018       |
| O                | RND                       | RANDSTAD NV                      | 16-11-2018  | 41,4000        | C                 | EUR               | 3,1000 | 3,1200 | 3,1000 | 2           | 3,1200 | 3,2100     |      | 3            | 23            | 17 22-10-2018      |
| O                | RND                       | RANDSTAD NV                      | 16-11-2018  | 41,4000        | P                 | EUR               | 0,9300 | 0,9300 | 0,6700 | 27          | 0,7200 | 0,7200     |      | 1            | 77            | 175 22-10-2018     |
| O                | RND                       | RANDSTAD NV                      | 16-11-2018  | 42,0000        | C                 | EUR               | 2,4200 | 2,6200 | 2,2600 | 5           | 2,6200 | 2,7700     |      | 3            | 14            | 110 22-10-2018     |
| O                | RND                       | RANDSTAD NV                      | 16-11-2018  | 42,0000        | P                 | EUR               | 0,9700 | 0,9700 | 0,8800 | 10          | 0,9000 | 0,8800     |      | 1            | 131           | 135 22-10-2018     |
| O                | RND                       | RANDSTAD NV                      | 16-11-2018  | 43,3700        | C                 | EUR               | 1,3400 | 1,8500 | 1,3400 | 22          | 1,9400 | 1,9000     |      | 2            | 58            | 310 22-10-2018     |
| O                | RND                       | RANDSTAD NV                      | 16-11-2018  | 43,3700        | P                 | EUR               | 30     | 1,5400 | 1,4000 | 30          | 1,4100 | 1,3800     |      | 1            | 521           | 449 22-10-2018     |
| O                | RND                       | RANDSTAD NV                      | 16-11-2018  | 44,0000        | C                 | EUR               | 1,1000 | 1,5200 | 1,1000 | 55          | 1,5200 | 1,5500     |      | 2            | 273           | 334 22-10-2018     |
| O                | RND                       | RANDSTAD NV                      | 16-11-2018  | 44,0000        | P                 | EUR               | 1,7300 | 1,8800 | 1,6600 | 22          | 1,6700 | 1,6700     |      | 2            | 171           | 190 22-10-2018     |
| O                | RND                       | RANDSTAD NV                      | 16-11-2018  | 45,3400        | C                 | EUR               | 0,6200 | 0,9100 | 0,6200 | 44          | 0,8900 | 0,9500     |      | 1            | 278           | 378 22-10-2018     |
| O                | RND                       | RANDSTAD NV                      | 16-11-2018  | 45,3400        | P                 | EUR               | 2,4900 | 2,7000 | 2,4000 | 4           | 2,4000 | 2,4200     |      | 2            | 6             | 182 22-10-2018     |
| O                | RND                       | RANDSTAD NV                      | 16-11-2018  | 46,3200        | C                 | EUR               | 0,4500 | 0,6200 | 0,4200 | 40          | 0,6200 | 0,6400     |      | 1            | 116           | 401 22-10-2018     |
| O                | RND                       | RANDSTAD NV                      | 16-11-2018  | 46,3200        | P                 | EUR               | 3,2200 | 3,2600 | 3,2200 | 2           | 3,2600 | 3,0800     |      | 3            | 2             | 83 22-10-2018      |
| O                | RND                       | RANDSTAD NV                      | 16-11-2018  | 47,3100        | C                 | EUR               | 0,2900 | 0,3900 | 0,2700 | 21          | 0,3900 | 0,4000     |      | 0            | 55            | 343 22-10-2018     |
| O                | RND                       | RANDSTAD NV                      | 16-11-2018  | 47,3100        | P                 | EUR               | 4,3100 | 4,3100 | 3,9600 | 3           | 3,9600 | 3,8300     |      | 4            | 7             | 177 22-10-2018     |
| O                | RND                       | RANDSTAD NV                      | 16-11-2018  | 48,3000        | C                 | EUR               | 0,1700 | 0,2300 | 0,1700 | 9           | 0,2300 | 0,2400     |      | 0            | 18            | 343 22-10-2018     |
| O                | RND                       | RANDSTAD NV                      | 16-11-2018  | 48,3000        | P                 | EUR               | 5,1500 | 5,1500 | 4,7700 | 3           | 4,7700 | 4,6600     |      | 5            | 5             | 64 22-10-2018      |
| O                | RND                       | RANDSTAD NV                      | 16-11-2018  | 49,2800        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1500     |      | 0            | 0             | 643 22-10-2018     |
| O                | RND                       | RANDSTAD NV                      | 16-11-2018  | 49,2800        | P                 | EUR               | 5,6500 | 5,6500 | 5,6500 | 1           | 5,6500 | 5,5600     |      | 6            | 5             | 261 22-10-2018     |
| O                | RND                       | RANDSTAD NV                      | 16-11-2018  | 50,2700        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     |      | 0            | 0             | 167 22-10-2018     |
| O                | RND                       | RANDSTAD NV                      | 16-11-2018  | 50,2700        | P                 | EUR               | 6,8000 | 6,8000 | 6,8000 | 1           | 6,8000 | 6,4600     |      | 6            | 5             | 250 22-10-2018     |
| O                | RND                       | RANDSTAD NV                      | 16-11-2018  | 51,2500        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     |      | 0            | 0             | 254 22-10-2018     |
| O                | RND                       | RANDSTAD NV                      | 16-11-2018  | 51,2500        | P                 | EUR               | 7,7500 | 7,7500 | 7,7500 | 1           | 7,7500 | 7,4300     |      | 7            | 1             | 97 22-10-2018      |
| O                | RND                       | RANDSTAD NV                      | 16-11-2018  | 52,2400        | C                 | EUR               | 0,0400 | 0,0400 | 0,0400 | 1           | 0,0400 | 0,0300     |      | 0            | 1             | 249 22-10-2018     |
| O                | RND                       | RANDSTAD NV                      | 16-11-2018  | 52,2400        | P                 | EUR               | 8,6300 | 8,6300 | 8,6300 | 1           | 8,6300 | 8,4000     |      | 8            | 3             | 89 22-10-2018      |
| O                | RND                       | RANDSTAD NV                      | 16-11-2018  | 53,2200        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 0             | 175 22-10-2018     |
| O                | RND                       | RANDSTAD NV                      | 16-11-2018  | 53,2200        | P                 | EUR               | 9,9700 | 9,9700 | 9,9700 | 1           | 9,9700 | 9,3500     |      | 9            | 2             | 237 22-10-2018     |
| O                | RND                       | RANDSTAD NV                      | 16-11-2018  | 54,2100        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 159 22-10-2018     |
| O                | RND                       | RANDSTAD NV                      | 16-11-2018  | 54,2100        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,3400    |      | 10           | 0             | 130 22-10-2018     |
| O                | RND                       | RANDSTAD NV                      | 16-11-2018  | 55,2000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 90 22-10-2018      |
| O                | RND                       | RANDSTAD NV                      | 16-11-2018  | 55,2000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,3300    |      | 11           | 0             | 203 22-10-2018     |
| O                | RND                       | RANDSTAD NV                      | 16-11-2018  | 57,1700        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 17 22-10-2018      |
| O                | RND                       | RANDSTAD NV                      | 16-11-2018  | 57,1700        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,2900    |      | 13           | 0             | 52 22-10-2018      |
| O                | RND                       | RANDSTAD NV                      | 16-11-2018  | 59,1400        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 3 22-10-2018       |
| O                | RND                       | RANDSTAD NV                      | 16-11-2018  | 59,1400        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,2800    |      | 15           | 0             | 5 22-10-2018       |
| O                | RND                       | RANDSTAD NV                      | 16-11-2018  | 63,0800        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0 22-10-2018       |
| O                | RND                       | RANDSTAD NV                      | 16-11-2018  | 63,0800        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 19,2000    |      | 19           | 0             | 10 22-10-2018      |
| O                | RND                       | RANDSTAD NV                      | 21-12-2018  | 34,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,5900     |      | 10           | 0             | 133 22-10-2018     |
| O                | RND                       | RANDSTAD NV                      | 21-12-2018  | 34,5000        | P                 | EUR               | 0,2500 | 0,2500 | 0,2500 | 2           | 0,2500 | 0,2000     |      | 0            | 20            | 441 22-10-2018     |
| O                | RND                       | RANDSTAD NV                      | 21-12-2018  | 36,0000        | C                 | EUR               | 7,8500 | 7,8500 | 7,8500 | 1           | 7,8500 | 8,1400     |      | 8            | 3             | 3 22-10-2018       |
| O                | RND                       | RANDSTAD NV                      | 21-12-2018  | 36,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2700     |      | 0            | 0             | 25 22-10-2018      |
| O                | RND                       | RANDSTAD NV                      | 21-12-2018  | 38,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,3500     |      | 6            | 0             | 0 22-10-2018       |
| O                | RND                       | RANDSTAD NV                      | 21-12-2018  | 38,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4600     |      | 0            | 0             | 13 22-10-2018      |
| O                | RND                       | RANDSTAD NV                      | 21-12-2018  | 39,4300        | C                 | EUR               | 4,7700 | 4,7700 | 4,7700 | 2           | 4,7700 | 5,1500     |      | 5            | 39            | 136 22-10-2018     |
| O                | RND                       | RANDSTAD NV                      | 21-12-2018  | 39,4300        | P                 | EUR               | 0,7500 | 0,7600 | 0,6500 | 4           | 0,6900 | 0,6700     |      | 1            | 21            | 624 22-10-2018     |
| O                | RND                       | RANDSTAD NV                      |             |                |                   |                   |        |        |        |             |        |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open    | High    | Low     | Trade Count | Close   | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |            |
|------------------|---------------------------|-----------------|-------------|----------------|-------------------|-------------------|---------|---------|---------|-------------|---------|------------|------|--------------|---------------|--------------------|------------|
| O                | RND                       | RANDSTAD NV     | 21-12-2018  | 46,0000        | P                 | EUR               | 3,6900  | 3,7000  | 3,4000  | 3           | 3,4000  | 3,3100     | 3    | 3            | 160           | 22-10-2018         |            |
| O                | RND                       | RANDSTAD NV     | 21-12-2018  | 47,3100        | C                 | EUR               | 0,6500  | 0,7500  | 0,6500  | 18          | 0,7500  | 0,7700     | 1    | 185          | 754           | 22-10-2018         |            |
| O                | RND                       | RANDSTAD NV     | 21-12-2018  | 47,3100        | P                 | EUR               | 4,2700  | 4,2700  | 4,2700  | 1           | 4,2700  | 4,2200     | 4    | 1            | 423           | 22-10-2018         |            |
| O                | RND                       | RANDSTAD NV     | 21-12-2018  | 48,0000        | C                 | EUR               | 0,4800  | 0,5300  | 0,4800  | 4           | 0,5300  | 0,6200     | 1    | 12           | 101           | 22-10-2018         |            |
| O                | RND                       | RANDSTAD NV     | 21-12-2018  | 48,0000        | P                 | EUR               | 4,8800  | 4,8800  | 4,8800  | 1           | 4,8800  | 4,7400     | 5    | 1            | 43            | 22-10-2018         |            |
| O                | RND                       | RANDSTAD NV     | 21-12-2018  | 49,2800        | C                 | EUR               | 0,2800  | 0,4000  | 0,2800  | 3           | 0,4000  | 0,4100     | 0    | 6            | 2069          | 22-10-2018         |            |
| O                | RND                       | RANDSTAD NV     | 21-12-2018  | 49,2800        | P                 | EUR               | 6,3600  | 6,3600  | 6,3600  | 1           | 6,3600  | 5,8100     | 6    | 1            | 1160          | 22-10-2018         |            |
| O                | RND                       | RANDSTAD NV     | 21-12-2018  | 51,2500        | C                 | EUR               | 0,1500  | 0,1800  | 0,1500  | 9           | 0,1800  | 0,2100     | 0    | 28           | 3238          | 22-10-2018         |            |
| O                | RND                       | RANDSTAD NV     | 21-12-2018  | 51,2500        | P                 | EUR               | 7,9000  | 7,9000  | 7,9000  | 1           | 7,9000  | 7,5600     | 8    | 2            | 772           | 22-10-2018         |            |
| O                | RND                       | RANDSTAD NV     | 21-12-2018  | 53,2200        | C                 | EUR               | 0,0900  | 0,1000  | 0,0900  | 2           | 0,1000  | 0,1000     | 0    | 12           | 2191          | 22-10-2018         |            |
| O                | RND                       | RANDSTAD NV     | 21-12-2018  | 53,2200        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 9,4400     | 9    | 0            | 441           | 22-10-2018         |            |
| O                | RND                       | RANDSTAD NV     | 21-12-2018  | 54,2100        | C                 | EUR               | 0,0600  | 0,0700  | 0,0600  | 3           | 0,0700  | 0,0700     | 0    | 10           | 1127          | 22-10-2018         |            |
| O                | RND                       | RANDSTAD NV     | 21-12-2018  | 54,2100        | P                 | EUR               | 10,6000 | 10,6000 | 10,6000 | 1           | 10,6000 | 10,4000    | 10   | 2            | 812           | 22-10-2018         |            |
| O                | RND                       | RANDSTAD NV     | 21-12-2018  | 55,2000        | C                 | EUR               | 0,0400  | 0,0400  | 0,0400  | 1           | 0,0400  | 0,0500     | 0    | 20           | 557           | 22-10-2018         |            |
| O                | RND                       | RANDSTAD NV     | 21-12-2018  | 55,2000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 11,3600    | 11   | 0            | 357           | 22-10-2018         |            |
| O                | RND                       | RANDSTAD NV     | 21-12-2018  | 57,1700        | C                 | EUR               | 0,0200  | 0,0200  | 0,0200  | 1           | 0,0200  | 0,0200     | 0    | 1            | 2867          | 22-10-2018         |            |
| O                | RND                       | RANDSTAD NV     | 21-12-2018  | 57,1700        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 13,3100    | 13   | 0            | 824           | 22-10-2018         |            |
| O                | RND                       | RANDSTAD NV     | 21-12-2018  | 59,1400        | C                 | EUR               | 0,0200  | 0,0200  | 0,0200  | 2           | 0,0200  | 0,0100     | 0    | 4            | 904           | 22-10-2018         |            |
| O                | RND                       | RANDSTAD NV     | 21-12-2018  | 59,1400        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 15,2700    | 15   | 0            | 446           | 22-10-2018         |            |
| O                | RND                       | RANDSTAD NV     | 21-12-2018  | 64,0700        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 220           | 22-10-2018         |            |
| O                | RND                       | RANDSTAD NV     | 21-12-2018  | 64,0700        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 20,1900    | 20   | 0            | 96            | 22-10-2018         |            |
| O                | RND                       | RANDSTAD NV     | 21-12-2018  | 68,9900        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 376           | 22-10-2018         |            |
| O                | RND                       | RANDSTAD NV     | 21-12-2018  | 68,9900        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 25,1100    | 25   | 0            | 248           | 22-10-2018         |            |
| O                | RND                       | RANDSTAD NV     | 21-12-2018  | 78,8500        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 228           | 22-10-2018         |            |
| O                | RND                       | RANDSTAD NV     | 21-12-2018  | 78,8500        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 34,9800    | 35   | 0            | 200           | 22-10-2018         |            |
| O                | RND                       | RANDSTAD NV     | 21-12-2018  | 88,7100        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 16            | 22-10-2018         |            |
| O                | RND                       | RANDSTAD NV     | 21-12-2018  | 88,7100        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 44,8400    | 45   | 0            | 0             | 22-10-2018         |            |
| O                | RND                       | RANDSTAD NV     | 18-1-2019   | 36,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,2600     | 8    | 0            | 0             | 22-10-2018         |            |
| O                | RND                       | RANDSTAD NV     | 18-1-2019   | 36,0000        | P                 | EUR               | 0,3600  | 0,3900  | 0,3600  | 3           | 0,3900  | 0,3800     | 0    | 3            | 3             | 22-10-2018         |            |
| O                | RND                       | RANDSTAD NV     | 18-1-2019   | 38,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,5000     | 7    | 0            | 0             | 22-10-2018         |            |
| O                | RND                       | RANDSTAD NV     | 18-1-2019   | 38,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,6100     | 1    | 0            | 0             | 22-10-2018         |            |
| O                | RND                       | RANDSTAD NV     | 18-1-2019   | 40,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,8500     | 5    | 0            | 0             | 22-10-2018         |            |
| O                | RND                       | RANDSTAD NV     | 18-1-2019   | 40,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,9800     | 1    | 0            | 0             | 22-10-2018         |            |
| O                | RND                       | RANDSTAD NV     | 18-1-2019   | 42,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,4200     | 3    | 0            | 0             | 22-10-2018         |            |
| O                | RND                       | RANDSTAD NV     | 18-1-2019   | 42,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,5600     | 2    | 0            | 0             | 22-10-2018         |            |
| O                | RND                       | RANDSTAD NV     | 18-1-2019   | 43,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,8100     | 3    | 0            | 0             | 22-10-2018         |            |
| O                | RND                       | RANDSTAD NV     | 18-1-2019   | 43,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,9300     | 2    | 0            | 0             | 22-10-2018         |            |
| O                | RND                       | RANDSTAD NV     | 18-1-2019   | 44,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,2700     | 2    | 0            | 0             | 22-10-2018         |            |
| O                | RND                       | RANDSTAD NV     | 18-1-2019   | 44,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,3900     | 2    | 0            | 0             | 22-10-2018         |            |
| O                | RND                       | RANDSTAD NV     | 18-1-2019   | 45,0000        | C                 | EUR               | 1,5800  | 1,5800  | 1,5800  | 1           | 1,5800  | 1,7900     | 2    | 3            | 3             | 22-10-2018         |            |
| O                | RND                       | RANDSTAD NV     | 18-1-2019   | 45,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,9200     | 3    | 0            | 0             | 22-10-2018         |            |
| O                | RND                       | RANDSTAD NV     | 18-1-2019   | 46,0000        | C                 | EUR               | 1,3000  | 1,3000  | 1,3000  | 1           | 1,3000  | 1,3900     | 1    | 3            | 3             | 22-10-2018         |            |
| O                | RND                       | RANDSTAD NV     | 18-1-2019   | 46,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,5300     | 4    | 0            | 0             | 22-10-2018         |            |
| O                | RND                       | RANDSTAD NV     | 18-1-2019   | 48,0000        | C                 | EUR               | 0,6500  | 0,7700  | 0,6500  | 3           | 0,7700  | 0,8000     | 1    | 7            | 7             | 22-10-2018         |            |
| O                | RND                       | RANDSTAD NV     | 18-1-2019   | 48,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,9400     | 5    | 0            | 0             | 22-10-2018         |            |
| O                | RND                       | RANDSTAD NV     | 18-1-2019   | 50,0000        | C                 | EUR               | 0,3900  | 0,3900  | 0,3900  | 1           | 0,3900  | 0,4400     | 0    | 1            | 1             | 22-10-2018         |            |
| O                | RND                       | RANDSTAD NV     | 18-1-2019   | 50,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,5500     | 7    | 0            | 0             | 22-10-2018         |            |
| O                | RND                       | RANDSTAD NV     | 15-3-2019   | 28,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 16,0700    | 16   | 0            | 0             | 22-10-2018         |            |
| O                | RND                       | RANDSTAD NV     | 15-3-2019   | 28,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1500     | 0    | 0            | 0             | 22-10-2018         |            |
| O                | RND                       | RANDSTAD NV     | 15-3-2019   | 30,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 14,1400    | 14   | 0            | 0             | 22-10-2018         |            |
| O                | RND                       | RANDSTAD NV     | 15-3-2019   | 30,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2300     | 0    | 0            | 40            | 22-10-2018         |            |
| O                | RND                       | RANDSTAD NV     | 15-3-2019   | 34,5000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 9,8900     | 10   | 0            | 85            | 22-10-2018         |            |
| O                | RND                       | RANDSTAD NV     | 15-3-2019   | 34,5000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,5200     | 1    | 0            | 231           | 22-10-2018         |            |
| O                | RND                       | RANDSTAD NV     | 15-3-2019   | 39,4300        | C                 | EUR               | 5,3500  | 5,5500  | 5,3500  | 2           | 5,5500  | 5,7900     | 6    | 36           | 403           | 22-10-2018         |            |
| O                | RND                       | RANDSTAD NV     | 15-3-2019   | 39,4300        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,3300     | 1    | 0            | 332           | 22-10-2018         |            |
| O                | RND                       | RANDSTAD NV     | 15-3-2019   | 42,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,0100     | 4    | 0            | 19            | 22-10-2018         |            |
| O                | RND                       | RANDSTAD NV     | 15-3-2019   | 42,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,1300     | 2    | 0            | 62            | 22-10-2018         |            |
| O                | RND                       | RANDSTAD NV     | 15-3-2019   | 44,3500        | C                 | EUR               | 2,6200  | 2,6200  | 2,6200  | 1           | 2,6200  | 2,6900     | 3    | 2            | 313           | 22-10-2018         |            |
| O                | RND                       | RANDSTAD NV     | 15-3-2019   | 44,3500        | P                 | EUR               | 3,1500  | 3,3500  | 3,1500  | 5           | 3,2500  | 3,1800     | 3    | 14           | 278           | 22-10-2018         |            |
| O                | RND                       | RANDSTAD NV     | 15-3-2019   | 45,3400        | C                 | EUR               | 1,9800  | 2,1200  | 1,9800  | 5           | 2,1000  | 2,2400     | 2    | 7            | 540           | 22-10-2018         |            |
| O                | RND                       | RANDSTAD NV     | 15-3-2019   | 45,3400        | P                 | EUR               | 4,1100  | 4,1100  | 3,8000  | 5           | 3,9300  | 3,7200     | 4    | 9            | 182           | 22-10-2018         |            |
| O                | RND                       | RANDSTAD NV     | 15-3-2019   | 47,3100        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,5000     | 2    | 0            | 329           | 22-10-2018         |            |
| O                | RND                       | RANDSTAD NV     | 15-3-2019   | 47,3100        | P                 | EUR               | 5,1500  | 5,2000  | 4,9800  | 5           | 4,9800  | 4,9500     | 5    | 19           | 320           | 22-10-2018         |            |
| O                | RND                       | RANDSTAD NV     | 15-3-2019   | 49,2800        | C                 | EUR               | 0,9100  | 0,9300  | 0,8400  | 5           | 0,8400  | 0,9800     | 5    | 1            | 25            | 288                | 22-10-2018 |
| O                | RND                       | RANDSTAD NV     | 15-3-2019   | 49,2800        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,3900     | 6    | 0            | 138           | 22-10-2018         |            |
| O                | RND                       | RANDSTAD NV     | 15-3-2019   | 51,2500        | C                 | EUR               | 0,5600  | 0,5600  | 0,5600  | 1           | 0,5600  | 0,6200     | 1    | 25           | 330           | 22-10-2018         |            |
| O                | RND                       | RANDSTAD NV     | 15-3-2019   | 51,2500        | P                 | EUR               | 8,4000  | 8,4000  | 8,4000  | 1           | 8,4000  | 8,0300     | 8    | 1            | 414           | 22-10-2018         |            |
| O                | RND                       | RANDSTAD NV     | 15-3-2019   | 53,2200        | C                 | EUR               | 0,3500  | 0,3500  | 0,3500  | 1           | 0,3500  | 0,3900     | 0    | 25           | 533           | 22-10-2018         |            |
| O                | RND                       | RANDSTAD NV     | 15-3-2019   | 53,2200        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 9,7700     | 10   | 0            | 270           | 22-10-2018         |            |
| O                | RND                       | RANDSTAD NV     | 15-3-2019   | 55,2000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2400     | 0    | 0            | 279           | 22-10-2018         |            |
| O                | RND                       | RANDSTAD NV     | 15-3-2019   | 55,2000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 11,5900    | 12   | 0            | 101           | 22-10-2018         |            |
| O                | RND                       | RANDSTAD NV     | 15-3-2019   | 57,1700        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1500     | 0    | 0            | 90            | 22-10-2018         |            |
| O                | RND                       | RANDSTAD NV     | 15-3-2019   | 57,1700        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 13,4600    | 13   | 0            | 26            | 22-10-2018         |            |
| O                | RND                       | RANDSTAD NV     | 15-3-2019   | 59,1400        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1000     | 0    | 0            | 256           | 22-10-2018         |            |
| O                | RND                       | RANDSTAD NV     | 15-3-2019   | 59,1400        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 15,3800    | 15   | 0            | 65            | 22-10-2018         |            |
| O                | RND                       | RANDSTAD NV     | 15-3-2019   | 68,9900        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 36            | 22-10-2018         |            |
| O                | RND                       | RANDSTAD NV     | 15-3-2019   | 68,9900        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 25,1400    | 25   | 0            | 30            | 22-10-2018         |            |
| O                | RND                       | RANDSTAD NV     | 15-3-2019   |                |                   |                   |         |         |         |             |         |            |      |              |               |                    |            |



| Instrument Type* | Instrument Trading Symbol | Instrument Name | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open    | High    | Low     | Trade Count | Close   | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|-----------------|-------------|----------------|-------------------|-------------------|---------|---------|---------|-------------|---------|------------|------|--------------|---------------|--------------------|
| O                | RND                       | RANDSTAD NV     | 21-6-2019   | 34,5000        | C                 | EUR               | 9,5500  | 9,5500  | 9,5000  | 3           | 9,5000  | 9,9300     | 10   | 5            | 48            | 22-10-2018         |
| O                | RND                       | RANDSTAD NV     | 21-6-2019   | 34,5000        | P                 | EUR               | 1,2700  | 1,2700  | 1,2400  | 2           | 1,2400  | 1,2000     | 1    | 25           | 224           | 22-10-2018         |
| O                | RND                       | RANDSTAD NV     | 21-6-2019   | 39,4300        | C                 | EUR               | 5,6000  | 5,6000  | 5,6000  | 4           | 5,6000  | 5,9900     | 6    | 7            | 316           | 22-10-2018         |
| O                | RND                       | RANDSTAD NV     | 21-6-2019   | 39,4300        | P                 | EUR               | 2,8100  | 2,8300  | 2,6000  | 7           | 2,6000  | 2,5800     | 3    | 15           | 814           | 22-10-2018         |
| O                | RND                       | RANDSTAD NV     | 21-6-2019   | 42,0000        | C                 | EUR               | 3,8000  | 3,9500  | 3,8000  | 4           | 3,9500  | 4,2600     | 4    | 42           | 119           | 22-10-2018         |
| O                | RND                       | RANDSTAD NV     | 21-6-2019   | 42,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,6800     | 4    | 0            | 40            | 22-10-2018         |
| O                | RND                       | RANDSTAD NV     | 21-6-2019   | 44,3500        | C                 | EUR               | 2,5700  | 2,9300  | 2,5700  | 3           | 2,9300  | 2,9900     | 3    | 7            | 223           | 22-10-2018         |
| O                | RND                       | RANDSTAD NV     | 21-6-2019   | 44,3500        | P                 | EUR               | 5,2500  | 5,2500  | 5,2500  | 1           | 5,2500  | 4,9600     | 5    | 12           | 799           | 22-10-2018         |
| O                | RND                       | RANDSTAD NV     | 21-6-2019   | 45,3400        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,5400     | 3    | 0            | 62            | 22-10-2018         |
| O                | RND                       | RANDSTAD NV     | 21-6-2019   | 45,3400        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,5900     | 6    | 0            | 84            | 22-10-2018         |
| O                | RND                       | RANDSTAD NV     | 21-6-2019   | 47,3100        | C                 | EUR               | 1,8000  | 1,8000  | 1,8000  | 1           | 1,8000  | 1,8200     | 2    | 4            | 291           | 22-10-2018         |
| O                | RND                       | RANDSTAD NV     | 21-6-2019   | 47,3100        | P                 | EUR               | 7,3000  | 7,3000  | 7,3000  | 1           | 7,3000  | 6,9700     | 7    | 8            | 112           | 22-10-2018         |
| O                | RND                       | RANDSTAD NV     | 21-6-2019   | 49,2800        | C                 | EUR               | 1,1200  | 1,2500  | 1,1200  | 18          | 1,2500  | 1,2800     | 1    | 104          | 711           | 22-10-2018         |
| O                | RND                       | RANDSTAD NV     | 21-6-2019   | 49,2800        | P                 | EUR               | 8,8500  | 9,0000  | 8,4500  | 5           | 8,4500  | 8,4600     | 8    | 10           | 557           | 22-10-2018         |
| O                | RND                       | RANDSTAD NV     | 21-6-2019   | 51,2500        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,8800     | 1    | 0            | 864           | 22-10-2018         |
| O                | RND                       | RANDSTAD NV     | 21-6-2019   | 51,2500        | P                 | EUR               | 10,2000 | 10,2000 | 10,2000 | 1           | 10,2000 | 10,1000    | 10   | 3            | 99            | 22-10-2018         |
| O                | RND                       | RANDSTAD NV     | 21-6-2019   | 53,2200        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,6000     | 1    | 0            | 18            | 22-10-2018         |
| O                | RND                       | RANDSTAD NV     | 21-6-2019   | 53,2200        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 11,8500    | 12   | 0            | 45            | 22-10-2018         |
| O                | RND                       | RANDSTAD NV     | 21-6-2019   | 54,2100        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,5000     | 1    | 0            | 813           | 22-10-2018         |
| O                | RND                       | RANDSTAD NV     | 21-6-2019   | 54,2100        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,7400    | 13   | 0            | 243           | 22-10-2018         |
| O                | RND                       | RANDSTAD NV     | 21-6-2019   | 55,2000        | C                 | EUR               | 0,3800  | 0,3800  | 0,3800  | 1           | 0,3800  | 0,4100     | 0    | 1            | 90            | 22-10-2018         |
| O                | RND                       | RANDSTAD NV     | 21-6-2019   | 55,2000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 13,6400    | 14   | 0            | 74            | 22-10-2018         |
| O                | RND                       | RANDSTAD NV     | 21-6-2019   | 57,1700        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2700     | 0    | 0            | 56            | 22-10-2018         |
| O                | RND                       | RANDSTAD NV     | 21-6-2019   | 57,1700        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 15,4900    | 15   | 0            | 41            | 22-10-2018         |
| O                | RND                       | RANDSTAD NV     | 21-6-2019   | 59,1400        | C                 | EUR               | 0,1300  | 0,2000  | 0,1300  | 4           | 0,2000  | 0,2000     | 0    | 10           | 455           | 22-10-2018         |
| O                | RND                       | RANDSTAD NV     | 21-6-2019   | 59,1400        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 17,3900    | 17   | 0            | 241           | 22-10-2018         |
| O                | RND                       | RANDSTAD NV     | 21-6-2019   | 68,9900        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0300     | 0    | 0            | 59            | 22-10-2018         |
| O                | RND                       | RANDSTAD NV     | 21-6-2019   | 68,9900        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 27,0100    | 27   | 0            | 45            | 22-10-2018         |
| O                | RND                       | RANDSTAD NV     | 21-6-2019   | 78,8500        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 55            | 22-10-2018         |
| O                | RND                       | RANDSTAD NV     | 21-6-2019   | 78,8500        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 36,8300    | 37   | 0            | 97            | 22-10-2018         |
| O                | RND                       | RANDSTAD NV     | 20-9-2019   | 28,0000        | C                 | EUR               | 15,4500 | 15,5000 | 15,4500 | 3           | 15,5000 | 16,0500    | 16   | 40           | 40            | 22-10-2018         |
| O                | RND                       | RANDSTAD NV     | 20-9-2019   | 28,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,5600     | 1    | 0            | 0             | 22-10-2018         |
| O                | RND                       | RANDSTAD NV     | 20-9-2019   | 30,0000        | C                 | EUR               | 13,6000 | 14,1000 | 13,5500 | 6           | 14,1000 | 14,1200    | 14   | 80           | 110           | 22-10-2018         |
| O                | RND                       | RANDSTAD NV     | 20-9-2019   | 30,0000        | P                 | EUR               | 0,8000  | 0,8000  | 0,8000  | 1           | 0,8000  | 0,7800     | 1    | 19           | 23            | 22-10-2018         |
| O                | RND                       | RANDSTAD NV     | 20-9-2019   | 35,0000        | C                 | EUR               | 9,3000  | 9,3000  | 9,3000  | 1           | 9,3000  | 9,6000     | 10   | 20           | 25            | 22-10-2018         |
| O                | RND                       | RANDSTAD NV     | 20-9-2019   | 35,0000        | P                 | EUR               | 1,7500  | 1,7500  | 1,7400  | 2           | 1,7400  | 1,6700     | 2    | 29           | 57            | 22-10-2018         |
| O                | RND                       | RANDSTAD NV     | 20-9-2019   | 40,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,7700     | 6    | 0            | 0             | 22-10-2018         |
| O                | RND                       | RANDSTAD NV     | 20-9-2019   | 40,0000        | P                 | EUR               | 3,4400  | 3,4400  | 3,4000  | 2           | 3,4000  | 3,2800     | 3    | 7            | 45            | 22-10-2018         |
| O                | RND                       | RANDSTAD NV     | 20-9-2019   | 42,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,5500     | 5    | 0            | 2             | 22-10-2018         |
| O                | RND                       | RANDSTAD NV     | 20-9-2019   | 42,0000        | P                 | EUR               | 4,3000  | 4,3000  | 4,3000  | 1           | 4,3000  | 4,1900     | 4    | 4            | 17            | 22-10-2018         |
| O                | RND                       | RANDSTAD NV     | 20-9-2019   | 44,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,4900     | 3    | 0            | 11            | 22-10-2018         |
| O                | RND                       | RANDSTAD NV     | 20-9-2019   | 44,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,2800     | 5    | 0            | 11            | 22-10-2018         |
| O                | RND                       | RANDSTAD NV     | 20-9-2019   | 46,0000        | C                 | EUR               | 2,4500  | 2,4500  | 2,4500  | 1           | 2,4500  | 2,6300     | 3    | 1            | 17            | 22-10-2018         |
| O                | RND                       | RANDSTAD NV     | 20-9-2019   | 46,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,5100     | 7    | 0            | 21            | 22-10-2018         |
| O                | RND                       | RANDSTAD NV     | 20-9-2019   | 48,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,9400     | 2    | 0            | 5             | 22-10-2018         |
| O                | RND                       | RANDSTAD NV     | 20-9-2019   | 48,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,9000     | 8    | 0            | 15            | 22-10-2018         |
| O                | RND                       | RANDSTAD NV     | 20-9-2019   | 50,0000        | C                 | EUR               | 1,2900  | 1,2900  | 1,2900  | 3           | 1,2900  | 1,4100     | 1    | 25           | 36            | 22-10-2018         |
| O                | RND                       | RANDSTAD NV     | 20-9-2019   | 50,0000        | P                 | EUR               | 9,8700  | 9,8700  | 9,8700  | 1           | 9,8700  | 9,4400     | 9    | 2            | 29            | 22-10-2018         |
| O                | RND                       | RANDSTAD NV     | 20-9-2019   | 55,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,6300     | 1    | 0            | 13            | 22-10-2018         |
| O                | RND                       | RANDSTAD NV     | 20-9-2019   | 55,0000        | P                 | EUR               | 14,2000 | 14,2000 | 14,2000 | 1           | 14,2000 | 13,6900    | 14   | 10           | 11            | 22-10-2018         |
| O                | RND                       | RANDSTAD NV     | 20-9-2019   | 60,0000        | C                 | EUR               | 0,2600  | 0,2600  | 0,2600  | 4           | 0,2600  | 0,2700     | 0    | 50           | 50            | 22-10-2018         |
| O                | RND                       | RANDSTAD NV     | 20-9-2019   | 60,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 18,3600    | 18   | 0            | 0             | 22-10-2018         |
| O                | RND                       | RANDSTAD NV     | 20-9-2019   | 70,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0500     | 0    | 0            | 0             | 22-10-2018         |
| O                | RND                       | RANDSTAD NV     | 20-9-2019   | 70,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 28,1100    | 28   | 0            | 0             | 22-10-2018         |
| O                | RND                       | RANDSTAD NV     | 20-12-2019  | 30,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 14,1700    | 14   | 0            | 102           | 22-10-2018         |
| O                | RND                       | RANDSTAD NV     | 20-12-2019  | 30,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,9800     | 1    | 0            | 202           | 22-10-2018         |
| O                | RND                       | RANDSTAD NV     | 20-12-2019  | 34,5000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,1500    | 10   | 0            | 81            | 22-10-2018         |
| O                | RND                       | RANDSTAD NV     | 20-12-2019  | 34,5000        | P                 | EUR               | 1,9600  | 2,0200  | 1,9300  | 5           | 1,9400  | 1,8600     | 2    | 33           | 83            | 22-10-2018         |
| O                | RND                       | RANDSTAD NV     | 20-12-2019  | 39,4300        | C                 | EUR               | 6,0500  | 6,0500  | 6,0000  | 2           | 6,0000  | 6,4000     | 6    | 2            | 57            | 22-10-2018         |
| O                | RND                       | RANDSTAD NV     | 20-12-2019  | 39,4300        | P                 | EUR               | 3,6600  | 3,7000  | 3,4800  | 3           | 3,4800  | 3,4600     | 3    | 21           | 853           | 22-10-2018         |
| O                | RND                       | RANDSTAD NV     | 20-12-2019  | 44,3500        | C                 | EUR               | 3,3400  | 3,5500  | 3,3400  | 3           | 3,5500  | 3,6300     | 4    | 7            | 367           | 22-10-2018         |
| O                | RND                       | RANDSTAD NV     | 20-12-2019  | 44,3500        | P                 | EUR               | 5,9000  | 5,9000  | 5,9000  | 1           | 5,9000  | 5,8800     | 3    | 661          | 22-10-2018    |                    |
| O                | RND                       | RANDSTAD NV     | 20-12-2019  | 49,2800        | C                 | EUR               | 1,7300  | 1,7300  | 1,7300  | 1           | 1,7300  | 1,9000     | 2    | 1            | 811           | 22-10-2018         |
| O                | RND                       | RANDSTAD NV     | 20-12-2019  | 49,2800        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 9,2000     | 9    | 0            | 394           | 22-10-2018         |
| O                | RND                       | RANDSTAD NV     | 20-12-2019  | 54,2100        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,9400     | 1    | 0            | 564           | 22-10-2018         |
| O                | RND                       | RANDSTAD NV     | 20-12-2019  | 54,2100        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 13,2300    | 13   | 0            | 415           | 22-10-2018         |
| O                | RND                       | RANDSTAD NV     | 20-12-2019  | 59,1400        | C                 | EUR               | 0,4300  | 0,4500  | 0,4300  | 2           | 0,4500  | 0,4600     | 0    | 2            | 846           | 22-10-2018         |
| O                | RND                       | RANDSTAD NV     | 20-12-2019  | 59,1400        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 17,7200    | 18   | 0            | 363           | 22-10-2018         |
| O                | RND                       | RANDSTAD NV     | 20-12-2019  | 68,9900        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1100     | 0    | 0            | 180           | 22-10-2018         |
| O                | RND                       | RANDSTAD NV     | 20-12-2019  | 68,9900        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 27,2400    | 27   | 0            | 32            | 22-10-2018         |
| O                | RND                       | RANDSTAD NV     | 20-12-2019  | 78,8500        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0200     | 0    | 0            | 79            | 22-10-2018         |
| O                | RND                       | RANDSTAD NV     | 20-12-2019  | 78,8500        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 36,9900    | 37   | 0            | 65            | 22-10-2018         |
| O                | RND                       | RANDSTAD NV     | 19-6-2020   | 30,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 14,1600    | 14   | 0            | 0             | 22-10-2018         |
| O                | RND                       | RANDSTAD NV     | 19-6-2020   | 30,0000        | P                 | EUR               | 1,7500  | 1,8000  | 1,7500  | 3           | 1,8000  | 1,7500     | 2    | 16           | 416           | 22-10-2018         |
| O                | RND                       | RANDSTAD NV     | 19-6-2020   | 34,5000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,2300    | 10   | 0            | 44            | 22-10-2018         |
| O                | RND                       | RANDSTAD NV     | 19-6-2020   | 34,5000        | P                 | EUR               | 3,0500  | 3,0500  | 3,0500  | 1           | 3,0500  | 2,9600     | 3    | 9            | 79            | 22-10-2018         |
| O                | RND                       | RANDSTAD NV     | 19-6-2020   | 39,4300        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,6300     | 7    | 0            | 109           | 22-10-2018         |
| O                | RND                       | RANDSTAD NV     |             |                |                   |                   |         |         |         |             |         |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open    | High    | Low     | Trade Count | Close   | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|-----------------|-------------|----------------|-------------------|-------------------|---------|---------|---------|-------------|---------|------------|------|--------------|---------------|--------------------|
| O                | RND                       | RANDSTAD NV     | 19-6-2020   | 59,1400        | P                 | EUR               | 19,9000 | 19,9000 | 19,9000 | 1           | 19,9000 | 19,7700    | 20   | 5            | 130           | 22-10-2018         |
| O                | RND                       | RANDSTAD NV     | 19-6-2020   | 78,8500        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0700     | 0    | 0            | 15            | 22-10-2018         |
| O                | RND                       | RANDSTAD NV     | 19-6-2020   | 78,8500        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 38,9300    | 39   | 0            | 65            | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD | 16-11-2018  | 41,4000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,2100     | 3    | 0            | 0             | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD | 16-11-2018  | 41,4000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,7200     | 1    | 0            | 52            | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD | 16-11-2018  | 43,3700        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,9000     | 2    | 0            | 28            | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD | 16-11-2018  | 43,3700        | P                 | EUR               | 1,5500  | 1,5500  | 1,5500  | 1           | 1,5500  | 1,3800     | 1    | 1            | 46            | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD | 16-11-2018  | 45,3400        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,9500     | 1    | 0            | 0             | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD | 16-11-2018  | 45,3400        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,4200     | 2    | 0            | 108           | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD | 16-11-2018  | 46,3200        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,6400     | 1    | 0            | 2             | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD | 16-11-2018  | 46,3200        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,0800     | 3    | 0            | 9             | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD | 16-11-2018  | 47,3100        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,4000     | 0    | 0            | 104           | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD | 16-11-2018  | 47,3100        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,8300     | 4    | 0            | 153           | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD | 16-11-2018  | 48,3000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2400     | 0    | 0            | 29            | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD | 16-11-2018  | 48,3000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,6600     | 5    | 0            | 49            | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD | 16-11-2018  | 49,2800        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1500     | 0    | 0            | 786           | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD | 16-11-2018  | 49,2800        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,5600     | 6    | 0            | 271           | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD | 16-11-2018  | 50,2700        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0900     | 0    | 0            | 64            | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD | 16-11-2018  | 50,2700        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,4600     | 6    | 0            | 254           | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD | 16-11-2018  | 51,2500        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0600     | 0    | 0            | 309           | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD | 16-11-2018  | 51,2500        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,4300     | 7    | 0            | 99            | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD | 16-11-2018  | 52,2400        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0300     | 0    | 0            | 202           | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD | 16-11-2018  | 52,2400        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,4000     | 8    | 0            | 88            | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD | 16-11-2018  | 53,2200        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0200     | 0    | 0            | 164           | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD | 16-11-2018  | 53,2200        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 9,3500     | 9    | 0            | 245           | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD | 16-11-2018  | 54,2100        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 115           | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD | 16-11-2018  | 54,2100        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,3400    | 10   | 0            | 130           | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD | 16-11-2018  | 55,2000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 93            | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD | 16-11-2018  | 55,2000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 11,3300    | 11   | 0            | 187           | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD | 16-11-2018  | 57,1700        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 17            | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD | 16-11-2018  | 57,1700        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 13,2900    | 13   | 0            | 52            | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD | 16-11-2018  | 59,1400        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 3             | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD | 16-11-2018  | 59,1400        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 15,2800    | 15   | 0            | 0             | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD | 16-11-2018  | 63,0800        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD | 16-11-2018  | 63,0800        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 19,2000    | 19   | 0            | 10            | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD | 21-12-2018  | 34,5000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 9,5900     | 10   | 0            | 124           | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD | 21-12-2018  | 34,5000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2000     | 0    | 0            | 417           | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD | 21-12-2018  | 39,4300        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,1500     | 5    | 0            | 129           | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD | 21-12-2018  | 39,4300        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,6700     | 1    | 0            | 565           | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD | 21-12-2018  | 44,3500        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,8500     | 2    | 0            | 157           | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD | 21-12-2018  | 44,3500        | P                 | EUR               | 2,4300  | 2,4300  | 2,4000  | 2           | 2,4000  | 2,3200     | 2    | 11           | 851           | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD | 21-12-2018  | 45,3400        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,4100     | 1    | 0            | 0             | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD | 21-12-2018  | 45,3400        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,8800     | 3    | 0            | 27            | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD | 21-12-2018  | 47,3100        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,7700     | 1    | 0            | 538           | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD | 21-12-2018  | 47,3100        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,2200     | 4    | 0            | 390           | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD | 21-12-2018  | 49,2800        | C                 | EUR               | 0,3300  | 0,3300  | 0,3300  | 1           | 0,3300  | 0,4100     | 0    | 5            | 1325          | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD | 21-12-2018  | 49,2800        | P                 | EUR               | 6,1000  | 6,1000  | 6,1000  | 2           | 6,1000  | 5,8100     | 6    | 10           | 1079          | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD | 21-12-2018  | 51,2500        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2100     | 0    | 0            | 3197          | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD | 21-12-2018  | 51,2500        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,5600     | 8    | 0            | 775           | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD | 21-12-2018  | 53,2200        | C                 | EUR               | 0,0900  | 0,0900  | 0,0900  | 1           | 0,0900  | 0,1000     | 0    | 5            | 2150          | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD | 21-12-2018  | 53,2200        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 9,4400     | 9    | 0            | 446           | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD | 21-12-2018  | 54,2100        | C                 | EUR               | 0,0700  | 0,0700  | 0,0700  | 1           | 0,0700  | 0,0700     | 0    | 2            | 1096          | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD | 21-12-2018  | 54,2100        | P                 | EUR               | 11,3500 | 11,3500 | 11,3500 | 2           | 11,3500 | 10,4000    | 10   | 2            | 816           | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD | 21-12-2018  | 55,2000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0500     | 0    | 0            | 430           | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD | 21-12-2018  | 55,2000        | P                 | EUR               | 11,7500 | 11,7500 | 11,4000 | 6           | 11,4000 | 11,3600    | 11   | 6            | 352           | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD | 21-12-2018  | 57,1700        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0200     | 0    | 0            | 2897          | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD | 21-12-2018  | 57,1700        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 13,3100    | 13   | 0            | 818           | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD | 21-12-2018  | 59,1400        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 913           | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD | 21-12-2018  | 59,1400        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 15,2700    | 15   | 0            | 447           | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD | 21-12-2018  | 64,0700        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 215           | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD | 21-12-2018  | 64,0700        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 20,1900    | 20   | 0            | 96            | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD | 21-12-2018  | 68,9900        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 376           | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD | 21-12-2018  | 68,9900        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 25,1100    | 25   | 0            | 248           | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD | 21-12-2018  | 78,8500        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 228           | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD | 21-12-2018  | 78,8500        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 34,9800    | 35   | 0            | 200           | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD | 21-12-2018  | 88,7100        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 16            | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD | 21-12-2018  | 88,7100        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 44,8400    | 45   | 0            | 0             | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD | 15-3-2019   | 34,5000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 9,8900     | 10   | 0            | 2             | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD | 15-3-2019   | 34,5000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,5200     | 1    | 0            | 126           | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD | 15-3-2019   | 39,4300        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,7900     | 6    | 0            | 184           | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD | 15-3-2019   | 39,4300        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,3300     | 1    | 0            | 365           | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD | 15-3-2019   | 44,3500        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,6900     | 3    | 0            | 73            | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD | 15-3-2019   | 44,3500        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,1800     | 3    | 0            | 206           | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD | 15-3-2019   | 45,3400        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,2400     | 2    | 0            | 2             | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD | 15-3-2019   | 45,3400        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,7200     | 4    | 0            | 78            | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD | 15-3-2019   | 47,3100        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,5000     | 2    | 0            | 293           | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD | 15-3-2019   | 47,3100        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  |             |         |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name                 | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open    | High    | Low     | Trade Count | Close   | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|---------------------------------|-------------|----------------|-------------------|-------------------|---------|---------|---------|-------------|---------|------------|------|--------------|---------------|--------------------|
| O                | RNO                       | RANDSTAD NV OLD                 | 15-3-2019   | 57,1700        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1500     | 0    | 0            | 89            | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD                 | 15-3-2019   | 57,1700        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 13,4600    | 13   | 0            | 26            | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD                 | 15-3-2019   | 59,1400        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1000     | 0    | 0            | 93            | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD                 | 15-3-2019   | 59,1400        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 15,3800    | 15   | 0            | 63            | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD                 | 15-3-2019   | 68,9900        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 36            | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD                 | 15-3-2019   | 68,9900        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 25,1400    | 25   | 0            | 30            | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD                 | 15-3-2019   | 78,8500        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 1             | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD                 | 15-3-2019   | 78,8500        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 35,0000    | 35   | 0            | 0             | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD                 | 15-3-2019   | 88,7100        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 10            | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD                 | 15-3-2019   | 88,7100        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 44,8700    | 45   | 0            | 50            | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD                 | 21-6-2019   | 34,5000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 9,9300     | 10   | 0            | 22            | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD                 | 21-6-2019   | 34,5000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,2000     | 1    | 0            | 61            | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD                 | 21-6-2019   | 39,4300        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,9900     | 6    | 0            | 266           | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD                 | 21-6-2019   | 39,4300        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,5800     | 3    | 0            | 489           | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD                 | 21-6-2019   | 44,3500        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,9900     | 3    | 0            | 149           | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD                 | 21-6-2019   | 44,3500        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,9600     | 5    | 0            | 745           | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD                 | 21-6-2019   | 45,3400        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,5400     | 3    | 0            | 31            | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD                 | 21-6-2019   | 45,3400        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,5900     | 6    | 0            | 12            | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD                 | 21-6-2019   | 47,3100        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,8200     | 2    | 0            | 241           | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD                 | 21-6-2019   | 47,3100        | P                 | EUR               | 7,3500  | 7,3500  | 7,3500  | 2           | 7,3500  | 6,9700     | 7    | 8            | 36            | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD                 | 21-6-2019   | 49,2800        | C                 | EUR               | 1,1000  | 1,1500  | 1,1000  | 3           | 1,1500  | 1,2800     | 1    | 3            | 726           | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD                 | 21-6-2019   | 49,2800        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,4600     | 8    | 0            | 505           | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD                 | 21-6-2019   | 51,2500        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,8800     | 1    | 0            | 237           | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD                 | 21-6-2019   | 51,2500        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,1000    | 10   | 0            | 94            | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD                 | 21-6-2019   | 53,2200        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,6000     | 1    | 0            | 14            | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD                 | 21-6-2019   | 53,2200        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 11,8500    | 12   | 0            | 45            | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD                 | 21-6-2019   | 54,2100        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,5000     | 1    | 0            | 846           | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD                 | 21-6-2019   | 54,2100        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,7400    | 13   | 0            | 251           | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD                 | 21-6-2019   | 55,2000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,4100     | 0    | 0            | 56            | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD                 | 21-6-2019   | 55,2000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 13,6400    | 14   | 0            | 39            | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD                 | 21-6-2019   | 57,1700        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2700     | 0    | 0            | 31            | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD                 | 21-6-2019   | 57,1700        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 15,4900    | 15   | 0            | 17            | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD                 | 21-6-2019   | 59,1400        | C                 | EUR               | 0,2200  | 0,2200  | 0,2200  | 1           | 0,2200  | 0,2000     | 0    | 2            | 436           | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD                 | 21-6-2019   | 59,1400        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 17,3900    | 17   | 0            | 242           | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD                 | 21-6-2019   | 68,9900        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0300     | 0    | 0            | 61            | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD                 | 21-6-2019   | 68,9900        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 27,0100    | 27   | 0            | 31            | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD                 | 21-6-2019   | 78,8500        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 55            | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD                 | 21-6-2019   | 78,8500        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 36,8300    | 37   | 0            | 97            | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD                 | 20-12-2019  | 34,5000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,1500    | 10   | 0            | 81            | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD                 | 20-12-2019  | 34,5000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,8600     | 2    | 0            | 66            | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD                 | 20-12-2019  | 39,4300        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,4000     | 6    | 0            | 52            | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD                 | 20-12-2019  | 39,4300        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,4600     | 3    | 0            | 708           | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD                 | 20-12-2019  | 44,3500        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,6300     | 4    | 0            | 295           | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD                 | 20-12-2019  | 44,3500        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,8800     | 6    | 0            | 556           | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD                 | 20-12-2019  | 49,2800        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,9000     | 2    | 0            | 781           | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD                 | 20-12-2019  | 49,2800        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 9,2000     | 9    | 0            | 393           | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD                 | 20-12-2019  | 54,2100        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,9400     | 1    | 0            | 490           | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD                 | 20-12-2019  | 54,2100        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 13,2300    | 13   | 0            | 414           | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD                 | 20-12-2019  | 59,1400        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,4600     | 0    | 0            | 831           | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD                 | 20-12-2019  | 59,1400        | P                 | EUR               | 18,0000 | 18,0000 | 18,0000 | 1           | 18,0000 | 17,7200    | 18   | 2            | 363           | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD                 | 20-12-2019  | 68,9900        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1100     | 0    | 0            | 177           | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD                 | 20-12-2019  | 68,9900        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 27,2400    | 27   | 0            | 32            | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD                 | 20-12-2019  | 78,8500        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0200     | 0    | 0            | 79            | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD                 | 20-12-2019  | 78,8500        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 36,9900    | 37   | 0            | 69            | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD                 | 19-6-2020   | 34,5000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,2300    | 10   | 0            | 13            | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD                 | 19-6-2020   | 34,5000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,9600     | 3    | 0            | 39            | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD                 | 19-6-2020   | 39,4300        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,6300     | 7    | 0            | 8             | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD                 | 19-6-2020   | 39,4300        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,9900     | 5    | 0            | 77            | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD                 | 19-6-2020   | 44,3500        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,0000     | 4    | 0            | 37            | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD                 | 19-6-2020   | 44,3500        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,7400     | 8    | 0            | 68            | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD                 | 19-6-2020   | 49,2800        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,3000     | 2    | 0            | 408           | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD                 | 19-6-2020   | 49,2800        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 11,2000    | 11   | 0            | 38            | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD                 | 19-6-2020   | 54,2100        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,2700     | 1    | 0            | 88            | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD                 | 19-6-2020   | 54,2100        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 15,3300    | 15   | 0            | 153           | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD                 | 19-6-2020   | 59,1400        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,7100     | 1    | 0            | 79            | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD                 | 19-6-2020   | 59,1400        | P                 | EUR               | 20,0000 | 20,0000 | 20,0000 | 1           | 20,0000 | 19,7700    | 20   | 5            | 105           | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD                 | 19-6-2020   | 78,8500        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0700     | 0    | 0            | 15            | 22-10-2018         |
| O                | RNO                       | RANDSTAD NV OLD                 | 19-6-2020   | 78,8500        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 38,9300    | 39   | 0            | 65            | 22-10-2018         |
| F                | RO6                       | Rentokil Initial - Stock Future | 16-11-2018  | 0,0000         |                   | GBX               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 295,6200   | 296  | 0            | 0             | 22-10-2018         |
| F                | RO6                       | Rentokil Initial - Stock Future | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 295,8100   | 296  | 0            | 0             | 22-10-2018         |
| F                | RO6                       | Rentokil Initial - Stock Future | 18-1-2019   | 0,0000         |                   | GBX               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 295,9600   | 296  | 0            | 0             | 22-10-2018         |
| F                | RO6                       | Rentokil Initial - Stock Future | 15-3-2019   | 0,0000         |                   | GBX               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 296,3000   | 296  | 0            | 0             | 22-10-2018         |
| F                | RO6                       | Rentokil Initial - Stock Future | 21-6-2019   | 0,0000         |                   | GBX               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 293,8800   | 294  | 0            | 0             | 22-10-2018         |
| F                | RO6                       | Rentokil Initial - Stock Future | 20-9-2019   | 0,0000         |                   | GBX               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 293,0700   | 293  | 0            | 0             | 22-10-2018         |
| F                | RP6                       | Repsol SA - Stock Future        | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 15,9256    | 16   | 0            | 0             | 22-10-2018         |
| F                | RP6                       | Repsol SA - Stock Future        | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 15,9195    | 16   | 0            | 0             | 22-10-2018         |
| F                | RP6                       | Repsol SA - Stock Future        | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 15         |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name                                 | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low      | Trade Count | Close  | Settlement | EDSP   | Total Volume | Open Interest | Open Interest Date |            |
|------------------|---------------------------|---|-------------|----------------|-------------------|-------------------|--------|--------|----------|-------------|--------|------------|--------|--------------|---------------|--------------------|------------|
| F                | RQ6                       | Raiffeisen Bank International AG - Stock Future | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 24,4833    |        | 24           | 0             | 22-10-2018         |            |
| F                | RQ6                       | Raiffeisen Bank International AG - Stock Future | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 24,4739    |        | 24           | 0             | 22-10-2018         |            |
| F                | RQ6                       | Raiffeisen Bank International AG - Stock Future | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 24,4664    |        | 24           | 0             | 22-10-2018         |            |
| F                | RQ6                       | Raiffeisen Bank International AG - Stock Future | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 24,4581    |        | 24           | 0             | 22-10-2018         |            |
| F                | RQ6                       | Raiffeisen Bank International AG - Stock Future | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 23,6365    |        | 24           | 0             | 22-10-2018         |            |
| F                | RQ6                       | Raiffeisen Bank International AG - Stock Future | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 23,6171    |        | 24           | 0             | 22-10-2018         |            |
| F                | RR6                       | Rolls-Royce Holdings - Stock Future             | 16-11-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 856,1600   |        | 856          | 0             | 22-10-2018         |            |
| F                | RR6                       | Rolls-Royce Holdings - Stock Future             | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 856,6900   |        | 857          | 0             | 22-10-2018         |            |
| F                | RR6                       | Rolls-Royce Holdings - Stock Future             | 18-1-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 857,1400   |        | 857          | 0             | 22-10-2018         |            |
| F                | RR6                       | Rolls-Royce Holdings - Stock Future             | 15-3-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 858,1100   |        | 858          | 0             | 22-10-2018         |            |
| F                | RR6                       | Rolls-Royce Holdings - Stock Future             | 21-6-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 857,8800   |        | 858          | 0             | 22-10-2018         |            |
| F                | RR6                       | Rolls-Royce Holdings - Stock Future             | 20-9-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 854,7900   |        | 855          | 0             | 22-10-2018         |            |
| F                | RR8                       | Rolls-Royce Holdings - Dividend Future          | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 11,7000    |        | 12           | 0             | 22-10-2018         |            |
| F                | RR8                       | Rolls-Royce Holdings - Dividend Future          | 20-12-2019  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 11,9000    |        | 12           | 0             | 22-10-2018         |            |
| F                | RR8                       | Rolls-Royce Holdings - Dividend Future          | 18-12-2020  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 12,6000    |        | 13           | 0             | 22-10-2018         |            |
| F                | RR8                       | Rolls-Royce Holdings - Dividend Future          | 17-12-2021  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 13,0000    |        | 13           | 0             | 22-10-2018         |            |
| F                | RR8                       | Rolls-Royce Holdings - Dividend Future          | 16-12-2022  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 13,0000    |        | 13           | 0             | 22-10-2018         |            |
| F                | RV6                       | Rio Tinto - Stock Future                        | 16-11-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 3701,5500  |        | 3702         | 0             | 22-10-2018         |            |
| F                | RV6                       | Rio Tinto - Stock Future                        | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 3703,8500  |        | 3704         | 0             | 22-10-2018         |            |
| F                | RV6                       | Rio Tinto - Stock Future                        | 18-1-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 3705,8000  |        | 3706         | 0             | 22-10-2018         |            |
| F                | RV6                       | Rio Tinto - Stock Future                        | 15-3-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 3566,5700  |        | 3567         | 0             | 22-10-2018         |            |
| F                | RV6                       | Rio Tinto - Stock Future                        | 21-6-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 3574,4300  |        | 3574         | 0             | 22-10-2018         |            |
| F                | RV6                       | Rio Tinto - Stock Future                        | 20-9-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 3495,0000  |        | 3495         | 0             | 22-10-2018         |            |
| F                | RV8                       | Rio Tinto - Dividend Future                     | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 226,2500   |        | 226          | 0             | 22-10-2018         |            |
| F                | RV8                       | Rio Tinto - Dividend Future                     | 20-12-2019  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 172,0000   |        | 172          | 0             | 22-10-2018         |            |
| F                | RV8                       | Rio Tinto - Dividend Future                     | 18-12-2020  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 172,0000   |        | 172          | 0             | 22-10-2018         |            |
| F                | RV8                       | Rio Tinto - Dividend Future                     | 17-12-2021  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 172,0000   |        | 172          | 0             | 22-10-2018         |            |
| F                | RV8                       | Rio Tinto - Dividend Future                     | 16-12-2022  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 172,0000   |        | 172          | 0             | 22-10-2018         |            |
| F                | RW6                       | RWE AG - Stock Future                           | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 17,9951    |        | 18           | 0             | 22-10-2018         |            |
| F                | RW6                       | RWE AG - Stock Future                           | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 17,9882    |        | 18           | 0             | 22-10-2018         |            |
| F                | RW6                       | RWE AG - Stock Future                           | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 17,9827    |        | 18           | 0             | 22-10-2018         |            |
| F                | RW6                       | RWE AG - Stock Future                           | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 17,9766    |        | 18           | 0             | 22-10-2018         |            |
| F                | RW6                       | RWE AG - Stock Future                           | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 17,2610    |        | 17           | 0             | 22-10-2018         |            |
| F                | RW6                       | RWE AG - Stock Future                           | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 17,2468    |        | 17           | 0             | 22-10-2018         |            |
| F                | RW8                       | RWE - Dividend Future                           | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 0,4760     |        | 0            | 0             | 22-10-2018         |            |
| F                | RW8                       | RWE - Dividend Future                           | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 0,5500     |        | 1            | 0             | 22-10-2018         |            |
| F                | RW8                       | RWE - Dividend Future                           | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 0,5000     |        | 1            | 0             | 22-10-2018         |            |
| F                | RW8                       | RWE - Dividend Future                           | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 0,5000     |        | 1            | 0             | 22-10-2018         |            |
| F                | RW8                       | RWE - Dividend Future                           | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 0,5000     |        | 1            | 0             | 22-10-2018         |            |
| F                | RX6                       | Roche Holding - Stock Future                    | 16-11-2018  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 244,2719   |        | 244          | 0             | 22-10-2018         |            |
| F                | RX6                       | Roche Holding - Stock Future                    | 21-12-2018  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 244,1503   |        | 244          | 0             | 22-10-2018         |            |
| F                | RX6                       | Roche Holding - Stock Future                    | 18-1-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 244,0395   |        | 244          | 0             | 22-10-2018         |            |
| F                | RX6                       | Roche Holding - Stock Future                    | 15-3-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 236,8547   |        | 237          | 0             | 22-10-2018         |            |
| F                | RX6                       | Roche Holding - Stock Future                    | 21-6-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 236,5242   |        | 237          | 0             | 22-10-2018         |            |
| F                | RX6                       | Roche Holding - Stock Future                    | 20-9-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 236,2110   |        | 236          | 0             | 22-10-2018         |            |
| F                | RX8                       | Roche Holding - Dividend Future                 | 21-12-2018  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 8,3000     |        | 8            | 0             | 22-10-2018         |            |
| F                | RX8                       | Roche Holding - Dividend Future                 | 20-12-2019  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 8,5000     |        | 9            | 0             | 22-10-2018         |            |
| F                | RX8                       | Roche Holding - Dividend Future                 | 18-12-2020  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 8,7000     |        | 9            | 0             | 22-10-2018         |            |
| F                | RX8                       | Roche Holding - Dividend Future                 | 17-12-2021  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 8,9000     |        | 9            | 0             | 22-10-2018         |            |
| F                | RX8                       | Roche Holding - Dividend Future                 | 16-12-2022  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 9,1000     |        | 9            | 0             | 22-10-2018         |            |
| F                | SB6                       | SBM Offshore NV - Stock Future                  | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 15,0959    |        | 15           | 0             | 22-10-2018         |            |
| F                | SB6                       | SBM Offshore NV - Stock Future                  | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 15,0901    |        | 15           | 0             | 22-10-2018         |            |
| F                | SB6                       | SBM Offshore NV - Stock Future                  | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 15,0854    |        | 15           | 0             | 22-10-2018         |            |
| F                | SB6                       | SBM Offshore NV - Stock Future                  | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 15,0804    |        | 15           | 0             | 22-10-2018         |            |
| F                | SB6                       | SBM Offshore NV - Stock Future                  | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 14,9071    |        | 15           | 0             | 22-10-2018         |            |
| F                | SB6                       | SBM Offshore NV - Stock Future                  | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 14,8948    |        | 15           | 0             | 22-10-2018         |            |
| F                | SB8                       | SBM Offshore - Dividend Future                  | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 0,2019     |        | 0            | 0             | 22-10-2018         |            |
| F                | SB8                       | SBM Offshore - Dividend Future                  | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 0,2500     |        | 0            | 0             | 22-10-2018         |            |
| F                | SB8                       | SBM Offshore - Dividend Future                  | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 0,2500     |        | 0            | 0             | 22-10-2018         |            |
| F                | SB8                       | SBM Offshore - Dividend Future                  | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 0,2500     |        | 0            | 0             | 22-10-2018         |            |
| F                | SB8                       | SBM Offshore - Dividend Future                  | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 0,2500     |        | 0            | 0             | 22-10-2018         |            |
| O                | SBM                       | SBM Offshore NV                                 | 16-11-2018  | 10,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 5,1000     |        | 5            | 0             | 22-10-2018         |            |
| O                | SBM                       | SBM Offshore NV                                 | 16-11-2018  | 10,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 0,0100     |        | 0            | 4             | 22-10-2018         |            |
| O                | SBM                       | SBM Offshore NV                                 | 16-11-2018  | 11,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 4,1000     |        | 4            | 0             | 22-10-2018         |            |
| O                | SBM                       | SBM Offshore NV                                 | 16-11-2018  | 11,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 0,0100     |        | 0            | 1             | 22-10-2018         |            |
| O                | SBM                       | SBM Offshore NV                                 | 16-11-2018  | 12,0000        | C                 | EUR               | 3,4400 | 3,4400 | 3,4400   | -           | 1      | 3,4400     | 3,1300 | 3            | 1             | 2                  | 22-10-2018 |
| O                | SBM                       | SBM Offshore NV                                 | 16-11-2018  | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 0,0300     |        | 0            | 13            | 22-10-2018         |            |
| O                | SBM                       | SBM Offshore NV                                 | 16-11-2018  | 12,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 2,6500     |        | 3            | 0             | 3                  | 22-10-2018 |
| O                | SBM                       | SBM Offshore NV                                 | 16-11-2018  | 12,5000        | P                 | EUR               | 0,0500 | 0,0500 | 0,0500   | -           | 2      | 0,0500     | 0,0500 | 0            | 20            | 262                | 22-10-2018 |
| O                | SBM                       | SBM Offshore NV                                 | 16-11-2018  | 13,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 2,1700     |        | 2            | 0             | 50                 | 22-10-2018 |
| O                | SBM                       | SBM Offshore NV                                 | 16-11-2018  | 13,0000        | P                 | EUR               | 0,0900 | 0,0900 | 0,0900   | -           | 1      | 0,0900     | 0,0800 | 0            | 10            | 47                 | 22-10-2018 |
| O                | SBM                       | SBM Offshore NV                                 | 16-11-2018  | 13,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 1,7300     |        | 2            | 0             | 6                  | 22-10-2018 |
| O                | SBM                       | SBM Offshore NV                                 | 16-11-2018  | 13,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 0,1400     |        | 0            | 176           | 22-10-2018         |            |
| O                | SBM                       | SBM Offshore NV                                 | 16-11-2018  | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 1,3100     |        | 1            | 0             | 49                 | 22-10-2018 |
| O                | SBM                       | SBM Offshore NV                                 | 16-11-2018  | 14,0000        | P                 | EUR               | 0,1700 | 0,1700 | 0,1700   | -           | 1      | 0,1700     | 0,2200 | 0            | 1             | 321                | 22-10-2018 |
| O                | SBM                       | SBM Offshore NV                                 | 16-11-2018  | 14,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000   | -           | 0,0000 | 0,9400     |        | 1            | 0             | 114                | 22-10-2018 |
| O                | SBM                       | SBM Offshore NV                                 | 16-11-2018  | 14,5000        | P                 | EUR               | 0,3100 | 0,3800 | 0,3100</ |             |        |            |        |              |               |                    |            |



| Instrument Type* | Instrument Trading Symbol | Instrument Name | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Date  |
|------------------|---------------------------|-----------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|------------|
| O                | SBM                       | SBM Offshore NV | 16-11-2018  | 17,0000        | C                 | EUR               | 0,1100 | 0,1100 | 0,0700 | 4           | 0,0700 | 0,0700     | 0    | 13           | 1353          | 22-10-2018 |
| O                | SBM                       | SBM Offshore NV | 16-11-2018  | 17,0000        | P                 | EUR               | 1,7500 | 1,7500 | 1,7500 | 1           | 1,7500 | 1,9800     | 2    | 10           | 52            | 22-10-2018 |
| O                | SBM                       | SBM Offshore NV | 16-11-2018  | 17,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 100          | 100           | 22-10-2018 |
| O                | SBM                       | SBM Offshore NV | 16-11-2018  | 17,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4500     | 2    | 0            | 1             | 22-10-2018 |
| O                | SBM                       | SBM Offshore NV | 16-11-2018  | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 113           | 22-10-2018 |
| O                | SBM                       | SBM Offshore NV | 16-11-2018  | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9300     | 3    | 0            | 67            | 22-10-2018 |
| O                | SBM                       | SBM Offshore NV | 16-11-2018  | 19,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018 |
| O                | SBM                       | SBM Offshore NV | 16-11-2018  | 19,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9100     | 4    | 0            | 0             | 22-10-2018 |
| O                | SBM                       | SBM Offshore NV | 16-11-2018  | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018 |
| O                | SBM                       | SBM Offshore NV | 16-11-2018  | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,9100     | 5    | 0            | 26            | 22-10-2018 |
| O                | SBM                       | SBM Offshore NV | 21-12-2018  | 7,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,1000     | 8    | 0            | 0             | 22-10-2018 |
| O                | SBM                       | SBM Offshore NV | 21-12-2018  | 7,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 149           | 22-10-2018 |
| O                | SBM                       | SBM Offshore NV | 21-12-2018  | 8,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,1000     | 7    | 0            | 19            | 22-10-2018 |
| O                | SBM                       | SBM Offshore NV | 21-12-2018  | 8,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 71            | 22-10-2018 |
| O                | SBM                       | SBM Offshore NV | 21-12-2018  | 9,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,1000     | 6    | 0            | 146           | 22-10-2018 |
| O                | SBM                       | SBM Offshore NV | 21-12-2018  | 9,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 53            | 22-10-2018 |
| O                | SBM                       | SBM Offshore NV | 21-12-2018  | 10,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,1300     | 5    | 0            | 640           | 22-10-2018 |
| O                | SBM                       | SBM Offshore NV | 21-12-2018  | 10,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 1315          | 22-10-2018 |
| O                | SBM                       | SBM Offshore NV | 21-12-2018  | 11,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,1400     | 4    | 0            | 272           | 22-10-2018 |
| O                | SBM                       | SBM Offshore NV | 21-12-2018  | 11,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 947           | 22-10-2018 |
| O                | SBM                       | SBM Offshore NV | 21-12-2018  | 12,0000        | C                 | EUR               | 3,5200 | 3,5200 | 3,5200 | 1           | 3,5200 | 3,1900     | 3    | 1            | 2307          | 22-10-2018 |
| O                | SBM                       | SBM Offshore NV | 21-12-2018  | 12,0000        | P                 | EUR               | 0,0800 | 0,0800 | 0,0800 | 1           | 0,0800 | 0,0900     | 0    | 10           | 3091          | 22-10-2018 |
| O                | SBM                       | SBM Offshore NV | 21-12-2018  | 13,0000        | C                 | EUR               | 2,2500 | 2,2500 | 2,2500 | 2           | 2,2500 | 2,2800     | 2    | 12           | 635           | 22-10-2018 |
| O                | SBM                       | SBM Offshore NV | 21-12-2018  | 13,0000        | P                 | EUR               | 0,1600 | 0,1900 | 0,1600 | 3           | 0,1900 | 0,1900     | 0    | 7            | 1530          | 22-10-2018 |
| O                | SBM                       | SBM Offshore NV | 21-12-2018  | 14,0000        | C                 | EUR               | 1,7500 | 1,7500 | 1,4000 | 3           | 1,4000 | 1,5000     | 2    | 12           | 2496          | 22-10-2018 |
| O                | SBM                       | SBM Offshore NV | 21-12-2018  | 14,0000        | P                 | EUR               | 0,3000 | 0,4000 | 0,3000 | 7           | 0,4000 | 0,4100     | 0    | 54           | 3502          | 22-10-2018 |
| O                | SBM                       | SBM Offshore NV | 21-12-2018  | 15,0000        | C                 | EUR               | 1,0000 | 1,0500 | 0,7500 | 7           | 0,7500 | 0,8400     | 1    | 37           | 3884          | 22-10-2018 |
| O                | SBM                       | SBM Offshore NV | 21-12-2018  | 15,0000        | P                 | EUR               | 0,6000 | 0,8000 | 0,6000 | 5           | 0,8000 | 0,7500     | 1    | 24           | 1508          | 22-10-2018 |
| O                | SBM                       | SBM Offshore NV | 21-12-2018  | 15,5000        | C                 | EUR               | 0,8000 | 0,8000 | 0,7000 | 7           | 0,7500 | 0,5900     | 1    | 41           | 38            | 22-10-2018 |
| O                | SBM                       | SBM Offshore NV | 21-12-2018  | 15,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0000     | 1    | 0            | 175           | 22-10-2018 |
| O                | SBM                       | SBM Offshore NV | 21-12-2018  | 16,0000        | C                 | EUR               | 0,6000 | 0,6000 | 0,4100 | 11          | 0,4100 | 0,4200     | 0    | 105          | 2982          | 22-10-2018 |
| O                | SBM                       | SBM Offshore NV | 21-12-2018  | 16,0000        | P                 | EUR               | 1,3500 | 1,3500 | 1,3500 | 3           | 1,3500 | 1,3300     | 1    | 20           | 3231          | 22-10-2018 |
| O                | SBM                       | SBM Offshore NV | 21-12-2018  | 16,5000        | C                 | EUR               | 0,2600 | 0,2600 | 0,2600 | 1           | 0,2600 | 0,2800     | 0    | 20           | 215           | 22-10-2018 |
| O                | SBM                       | SBM Offshore NV | 21-12-2018  | 16,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6900     | 2    | 0            | 40            | 22-10-2018 |
| O                | SBM                       | SBM Offshore NV | 21-12-2018  | 17,0000        | C                 | EUR               | 0,2300 | 0,2300 | 0,1900 | 2           | 0,1900 | 0,1900     | 0    | 9            | 1294          | 22-10-2018 |
| O                | SBM                       | SBM Offshore NV | 21-12-2018  | 17,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1000     | 2    | 0            | 272           | 22-10-2018 |
| O                | SBM                       | SBM Offshore NV | 21-12-2018  | 17,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     | 0    | 0            | 956           | 22-10-2018 |
| O                | SBM                       | SBM Offshore NV | 21-12-2018  | 17,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5400     | 3    | 0            | 10            | 22-10-2018 |
| O                | SBM                       | SBM Offshore NV | 21-12-2018  | 18,0000        | C                 | EUR               | 0,1200 | 0,1200 | 0,0800 | 2           | 0,0800 | 0,0900     | 0    | 42           | 5801          | 22-10-2018 |
| O                | SBM                       | SBM Offshore NV | 21-12-2018  | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0000     | 3    | 0            | 423           | 22-10-2018 |
| O                | SBM                       | SBM Offshore NV | 21-12-2018  | 19,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 79            | 22-10-2018 |
| O                | SBM                       | SBM Offshore NV | 21-12-2018  | 19,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9500     | 4    | 0            | 0             | 22-10-2018 |
| O                | SBM                       | SBM Offshore NV | 21-12-2018  | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 622           | 22-10-2018 |
| O                | SBM                       | SBM Offshore NV | 21-12-2018  | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,9300     | 5    | 0            | 405           | 22-10-2018 |
| O                | SBM                       | SBM Offshore NV | 21-12-2018  | 22,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 154           | 22-10-2018 |
| O                | SBM                       | SBM Offshore NV | 21-12-2018  | 22,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,9200     | 7    | 0            | 53            | 22-10-2018 |
| O                | SBM                       | SBM Offshore NV | 18-1-2019   | 12,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2200     | 3    | 0            | 0             | 22-10-2018 |
| O                | SBM                       | SBM Offshore NV | 18-1-2019   | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     | 0    | 0            | 0             | 22-10-2018 |
| O                | SBM                       | SBM Offshore NV | 18-1-2019   | 13,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3400     | 2    | 0            | 0             | 22-10-2018 |
| O                | SBM                       | SBM Offshore NV | 18-1-2019   | 13,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2600     | 0    | 0            | 0             | 22-10-2018 |
| O                | SBM                       | SBM Offshore NV | 18-1-2019   | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5700     | 2    | 0            | 0             | 22-10-2018 |
| O                | SBM                       | SBM Offshore NV | 18-1-2019   | 14,0000        | P                 | EUR               | 0,4000 | 0,4000 | 0,4000 | 2           | 0,4000 | 0,4800     | 0    | 70           | 70            | 22-10-2018 |
| O                | SBM                       | SBM Offshore NV | 18-1-2019   | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9500     | 1    | 0            | 0             | 22-10-2018 |
| O                | SBM                       | SBM Offshore NV | 18-1-2019   | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8700     | 1    | 0            | 0             | 22-10-2018 |
| O                | SBM                       | SBM Offshore NV | 18-1-2019   | 15,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7100     | 1    | 0            | 0             | 22-10-2018 |
| O                | SBM                       | SBM Offshore NV | 18-1-2019   | 15,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1300     | 1    | 0            | 0             | 22-10-2018 |
| O                | SBM                       | SBM Offshore NV | 18-1-2019   | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5300     | 1    | 0            | 0             | 22-10-2018 |
| O                | SBM                       | SBM Offshore NV | 18-1-2019   | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4400     | 1    | 0            | 0             | 22-10-2018 |
| O                | SBM                       | SBM Offshore NV | 18-1-2019   | 17,0000        | C                 | EUR               | 0,3500 | 0,3500 | 0,3500 | 1           | 0,3500 | 0,2700     | 0    | 14           | 14            | 22-10-2018 |
| O                | SBM                       | SBM Offshore NV | 18-1-2019   | 17,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1900     | 2    | 0            | 0             | 22-10-2018 |
| O                | SBM                       | SBM Offshore NV | 18-1-2019   | 18,0000        | C                 | EUR               | 0,1500 | 0,1500 | 0,1500 | 3           | 0,1500 | 0,1300     | 0    | 50           | 50            | 22-10-2018 |
| O                | SBM                       | SBM Offshore NV | 18-1-2019   | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0500     | 3    | 0            | 0             | 22-10-2018 |
| O                | SBM                       | SBM Offshore NV | 18-1-2019   | 19,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     | 0    | 0            | 0             | 22-10-2018 |
| O                | SBM                       | SBM Offshore NV | 18-1-2019   | 19,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9900     | 4    | 0            | 0             | 22-10-2018 |
| O                | SBM                       | SBM Offshore NV | 15-3-2019   | 7,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,1000     | 8    | 0            | 3             | 22-10-2018 |
| O                | SBM                       | SBM Offshore NV | 15-3-2019   | 7,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 33            | 22-10-2018 |
| O                | SBM                       | SBM Offshore NV | 15-3-2019   | 8,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,1100     | 7    | 0            | 11            | 22-10-2018 |
| O                | SBM                       | SBM Offshore NV | 15-3-2019   | 8,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 70            | 22-10-2018 |
| O                | SBM                       | SBM Offshore NV | 15-3-2019   | 9,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,1300     | 6    | 0            | 35            | 22-10-2018 |
| O                | SBM                       | SBM Offshore NV | 15-3-2019   | 9,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 112           | 22-10-2018 |
| O                | SBM                       | SBM Offshore NV | 15-3-2019   | 10,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,1600     | 5    | 0            | 246           | 22-10-2018 |
| O                | SBM                       | SBM Offshore NV | 15-3-2019   | 10,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     | 0    | 0            | 1125          | 22-10-2018 |
| O                | SBM                       | SBM Offshore NV | 15-3-2019   | 11,0000        | C                 | EUR               | 4,3000 | 4,3000 | 4,3000 | 1           | 4,3000 | 4,2200     | 4    | 1            | 325           | 22-10-2018 |
| O                | SBM                       | SBM Offshore NV | 15-3-2019   | 11,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     | 0    | 0            | 78            | 22-10-2018 |
| O                | SBM                       | SBM Offshore NV | 15-3-2019   | 12,0000        | C                 | EUR               | 3,6000 | 3,6500 | 3,6000 | 2           | 3,6500 | 3,3300     | 3    | 2            | 1275          | 22-10-2018 |
| O                | SBM                       | SBM Offshore NV | 15-3-2019   | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2400     | 0    | 0            | 705           | 22-10-2018 |
| O                | SBM                       | SBM Offshore NV | 15-3-2019   | 13,0000        | C                 | EUR               | 2,7500 |        |        |             |        |            |      |              |               |            |



| Instrument Type* | Instrument Trading Symbol | Instrument Name | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Date       |
|------------------|---------------------------|-----------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|-----------------|
| O                | SBM                       | SBM Offshore NV | 15-3-2019   | 17,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4100     |      | 2            | 0             | 495 22-10-2018  |
| O                | SBM                       | SBM Offshore NV | 15-3-2019   | 18,0000        | C                 | EUR               | 0,3300 | 0,3300 | 0,3000 | 4           | 0,3000 | 0,2900     |      | 0            | 26            | 212 22-10-2018  |
| O                | SBM                       | SBM Offshore NV | 15-3-2019   | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2100     |      | 3            | 0             | 98 22-10-2018   |
| O                | SBM                       | SBM Offshore NV | 15-3-2019   | 19,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1700     |      | 0            | 0             | 0 22-10-2018    |
| O                | SBM                       | SBM Offshore NV | 15-3-2019   | 19,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,1000     |      | 4            | 0             | 0 22-10-2018    |
| O                | SBM                       | SBM Offshore NV | 15-3-2019   | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1000     |      | 0            | 0             | 51 22-10-2018   |
| O                | SBM                       | SBM Offshore NV | 15-3-2019   | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,0300     |      | 5            | 0             | 145 22-10-2018  |
| O                | SBM                       | SBM Offshore NV | 15-3-2019   | 22,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     |      | 0            | 0             | 157 22-10-2018  |
| O                | SBM                       | SBM Offshore NV | 15-3-2019   | 22,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,9600     |      | 7            | 0             | 128 22-10-2018  |
| O                | SBM                       | SBM Offshore NV | 15-3-2019   | 24,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0 22-10-2018    |
| O                | SBM                       | SBM Offshore NV | 15-3-2019   | 24,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,9400     |      | 9            | 0             | 0 22-10-2018    |
| O                | SBM                       | SBM Offshore NV | 21-6-2019   | 7,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,1000     |      | 8            | 0             | 0 22-10-2018    |
| O                | SBM                       | SBM Offshore NV | 21-6-2019   | 7,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 1             | 0 22-10-2018    |
| O                | SBM                       | SBM Offshore NV | 21-6-2019   | 8,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,1200     |      | 7            | 0             | 363 22-10-2018  |
| O                | SBM                       | SBM Offshore NV | 21-6-2019   | 8,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     |      | 0            | 0             | 187 22-10-2018  |
| O                | SBM                       | SBM Offshore NV | 21-6-2019   | 9,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,1300     |      | 6            | 0             | 73 22-10-2018   |
| O                | SBM                       | SBM Offshore NV | 21-6-2019   | 9,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     |      | 0            | 5             | 0 22-10-2018    |
| O                | SBM                       | SBM Offshore NV | 21-6-2019   | 10,0000        | C                 | EUR               | 5,4000 | 5,5000 | 5,4000 | 2           | 5,5000 | 5,1900     |      | 5            | 4             | 1609 22-10-2018 |
| O                | SBM                       | SBM Offshore NV | 21-6-2019   | 10,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1500     |      | 0            | 0             | 1569 22-10-2018 |
| O                | SBM                       | SBM Offshore NV | 21-6-2019   | 11,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,2800     |      | 4            | 0             | 173 22-10-2018  |
| O                | SBM                       | SBM Offshore NV | 21-6-2019   | 11,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2600     |      | 0            | 0             | 615 22-10-2018  |
| O                | SBM                       | SBM Offshore NV | 21-6-2019   | 12,0000        | C                 | EUR               | 3,7400 | 3,7400 | 3,7000 | 2           | 3,7000 | 3,4200     |      | 3            | 20            | 1255 22-10-2018 |
| O                | SBM                       | SBM Offshore NV | 21-6-2019   | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4300     |      | 0            | 0             | 628 22-10-2018  |
| O                | SBM                       | SBM Offshore NV | 21-6-2019   | 13,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6600     |      | 3            | 0             | 331 22-10-2018  |
| O                | SBM                       | SBM Offshore NV | 21-6-2019   | 13,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6900     |      | 1            | 0             | 347 22-10-2018  |
| O                | SBM                       | SBM Offshore NV | 21-6-2019   | 14,0000        | C                 | EUR               | 2,2000 | 2,2000 | 2,2000 | 1           | 2,2000 | 1,9900     |      | 2            | 2             | 2813 22-10-2018 |
| O                | SBM                       | SBM Offshore NV | 21-6-2019   | 14,0000        | P                 | EUR               | 1,0000 | 1,0500 | 1,0000 | 3           | 1,0500 | 1,0400     |      | 1            | 4             | 1985 22-10-2018 |
| O                | SBM                       | SBM Offshore NV | 21-6-2019   | 15,0000        | C                 | EUR               | 1,6000 | 1,6000 | 1,4500 | 2           | 1,4500 | 1,4300     |      | 1            | 15            | 2179 22-10-2018 |
| O                | SBM                       | SBM Offshore NV | 21-6-2019   | 15,0000        | P                 | EUR               | 1,3200 | 1,5900 | 1,3200 | 2           | 1,5900 | 1,5000     |      | 2            | 21            | 724 22-10-2018  |
| O                | SBM                       | SBM Offshore NV | 21-6-2019   | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9900     |      | 1            | 0             | 1861 22-10-2018 |
| O                | SBM                       | SBM Offshore NV | 21-6-2019   | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0800     |      | 2            | 0             | 1274 22-10-2018 |
| O                | SBM                       | SBM Offshore NV | 21-6-2019   | 17,0000        | C                 | EUR               | 0,7500 | 0,7500 | 0,7000 | 2           | 0,7000 | 0,6700     |      | 1            | 3             | 890 22-10-2018  |
| O                | SBM                       | SBM Offshore NV | 21-6-2019   | 17,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7600     |      | 3            | 0             | 158 22-10-2018  |
| O                | SBM                       | SBM Offshore NV | 21-6-2019   | 18,0000        | C                 | EUR               | 0,4900 | 0,5000 | 0,4600 | 5           | 0,4600 | 0,4500     |      | 0            | 30            | 1481 22-10-2018 |
| O                | SBM                       | SBM Offshore NV | 21-6-2019   | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5400     |      | 4            | 0             | 231 22-10-2018  |
| O                | SBM                       | SBM Offshore NV | 21-6-2019   | 19,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2900     |      | 0            | 0             | 1 22-10-2018    |
| O                | SBM                       | SBM Offshore NV | 21-6-2019   | 19,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,3900     |      | 4            | 0             | 0 22-10-2018    |
| O                | SBM                       | SBM Offshore NV | 21-6-2019   | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1900     |      | 0            | 0             | 200 22-10-2018  |
| O                | SBM                       | SBM Offshore NV | 21-6-2019   | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,3000     |      | 5            | 0             | 313 22-10-2018  |
| O                | SBM                       | SBM Offshore NV | 21-6-2019   | 22,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     |      | 0            | 0             | 33 22-10-2018   |
| O                | SBM                       | SBM Offshore NV | 21-6-2019   | 22,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,2000     |      | 7            | 0             | 641 22-10-2018  |
| O                | SBM                       | SBM Offshore NV | 21-6-2019   | 24,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     |      | 0            | 0             | 0 22-10-2018    |
| O                | SBM                       | SBM Offshore NV | 21-6-2019   | 24,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,1500     |      | 9            | 0             | 0 22-10-2018    |
| O                | SBM                       | SBM Offshore NV | 20-9-2019   | 9,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,1600     |      | 6            | 0             | 0 22-10-2018    |
| O                | SBM                       | SBM Offshore NV | 20-9-2019   | 9,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     |      | 0            | 0             | 0 22-10-2018    |
| O                | SBM                       | SBM Offshore NV | 20-9-2019   | 10,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,2200     |      | 5            | 0             | 2 22-10-2018    |
| O                | SBM                       | SBM Offshore NV | 20-9-2019   | 10,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2200     |      | 0            | 0             | 0 22-10-2018    |
| O                | SBM                       | SBM Offshore NV | 20-9-2019   | 12,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5200     |      | 4            | 0             | 0 22-10-2018    |
| O                | SBM                       | SBM Offshore NV | 20-9-2019   | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5700     |      | 1            | 0             | 15 22-10-2018   |
| O                | SBM                       | SBM Offshore NV | 20-9-2019   | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1600     |      | 2            | 0             | 868 22-10-2018  |
| O                | SBM                       | SBM Offshore NV | 20-9-2019   | 14,0000        | P                 | EUR               | 1,1500 | 1,1500 | 1,1500 | 1           | 1,1500 | 1,2400     |      | 1            | 2             | 28 22-10-2018   |
| O                | SBM                       | SBM Offshore NV | 20-9-2019   | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6200     |      | 2            | 0             | 19 22-10-2018   |
| O                | SBM                       | SBM Offshore NV | 20-9-2019   | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7200     |      | 2            | 0             | 24 22-10-2018   |
| O                | SBM                       | SBM Offshore NV | 20-9-2019   | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1900     |      | 1            | 0             | 19 22-10-2018   |
| O                | SBM                       | SBM Offshore NV | 20-9-2019   | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3000     |      | 2            | 0             | 20 22-10-2018   |
| O                | SBM                       | SBM Offshore NV | 20-9-2019   | 17,0000        | C                 | EUR               | 0,8500 | 0,8500 | 0,8500 | 3           | 0,8500 | 0,8600     |      | 1            | 50            | 146 22-10-2018  |
| O                | SBM                       | SBM Offshore NV | 20-9-2019   | 17,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9700     |      | 3            | 0             | 10 22-10-2018   |
| O                | SBM                       | SBM Offshore NV | 20-9-2019   | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6100     |      | 1            | 0             | 9 22-10-2018    |
| O                | SBM                       | SBM Offshore NV | 20-9-2019   | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,7200     |      | 4            | 0             | 1 22-10-2018    |
| O                | SBM                       | SBM Offshore NV | 20-9-2019   | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3000     |      | 0            | 0             | 1 22-10-2018    |
| O                | SBM                       | SBM Offshore NV | 20-9-2019   | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,4200     |      | 5            | 0             | 0 22-10-2018    |
| O                | SBM                       | SBM Offshore NV | 20-9-2019   | 22,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1500     |      | 0            | 0             | 54 22-10-2018   |
| O                | SBM                       | SBM Offshore NV | 20-9-2019   | 22,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,2800     |      | 7            | 0             | 21 22-10-2018   |
| O                | SBM                       | SBM Offshore NV | 20-9-2019   | 24,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     |      | 0            | 0             | 92 22-10-2018   |
| O                | SBM                       | SBM Offshore NV | 20-9-2019   | 24,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,2100     |      | 9            | 0             | 0 22-10-2018    |
| O                | SBM                       | SBM Offshore NV | 20-12-2019  | 8,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,1300     |      | 7            | 0             | 141 22-10-2018  |
| O                | SBM                       | SBM Offshore NV | 20-12-2019  | 8,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     |      | 0            | 0             | 233 22-10-2018  |
| O                | SBM                       | SBM Offshore NV | 20-12-2019  | 9,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,1700     |      | 6            | 0             | 3 22-10-2018    |
| O                | SBM                       | SBM Offshore NV | 20-12-2019  | 9,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1600     |      | 0            | 0             | 27 22-10-2018   |
| O                | SBM                       | SBM Offshore NV | 20-12-2019  | 10,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,2500     |      | 5            | 0             | 765 22-10-2018  |
| O                | SBM                       | SBM Offshore NV | 20-12-2019  | 10,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2700     |      | 0            | 0             | 586 22-10-2018  |
| O                | SBM                       | SBM Offshore NV | 20-12-2019  | 12,0000        | C                 | EUR               | 3,8000 | 3,8000 | 3,8000 | 1           | 3,8000 | 3,5800     |      | 4            | 10            | 1323 22-10-2018 |
| O                | SBM                       | SBM Offshore NV | 20-12-2019  | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6400     |      | 1            | 0             | 444 22-10-2018  |
| O                | SBM                       | SBM Offshore NV | 20-12-2019  | 13,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8800     |      | 3            | 0             | 27 22-10-2018   |
| O                | SBM                       | SBM Offshore NV | 20-12-2019  | 13,0000        | P                 | EUR               | 0,8600 | 1,0000 | 0,8600 | 3           | 1,0000 | 0,9700     |      | 1            | 5             | 36 22-10-2018   |
| O                | SBM                       | SBM Offshore NV | 20-12-2019  | 14,0000        | C                 | EUR               | 2,4500 | 2,4500 | 2,2000 | 4           | 2,2000 | 2,2900     |      | 2            | 32            | 879 22-10-2018  |
| O                | SBM                       | SBM Offshore NV | 20-12-2019  | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3900     |      | 1            |               |                 |



| Instrument Type* | Instrument Trading Symbol | Instrument Name               | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|-------------------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | SBM                       | SBM Offshore NV               | 19-6-2020   | 8,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,1500     | 7    | 0            | 59            | 22-10-2018         |
| O                | SBM                       | SBM Offshore NV               | 19-6-2020   | 8,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1900     | 0    | 0            | 106           | 22-10-2018         |
| O                | SBM                       | SBM Offshore NV               | 19-6-2020   | 9,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,2200     | 6    | 0            | 0             | 22-10-2018         |
| O                | SBM                       | SBM Offshore NV               | 19-6-2020   | 9,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3100     | 0    | 0            | 2             | 22-10-2018         |
| O                | SBM                       | SBM Offshore NV               | 19-6-2020   | 10,0000        | C                 | EUR               | 5,6000 | 5,6000 | 5,6000 | 1           | 5,6000 | 5,3400     | 5    | 1            | 221           | 22-10-2018         |
| O                | SBM                       | SBM Offshore NV               | 19-6-2020   | 10,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4700     | 0    | 0            | 386           | 22-10-2018         |
| O                | SBM                       | SBM Offshore NV               | 19-6-2020   | 12,0000        | C                 | EUR               | 4,1000 | 4,1000 | 4,0000 | 4           | 4,0000 | 3,7900     | 4    | 15           | 417           | 22-10-2018         |
| O                | SBM                       | SBM Offshore NV               | 19-6-2020   | 12,0000        | P                 | EUR               | 1,0000 | 1,0000 | 1,0000 | 2           | 1,0000 | 0,9900     | 1    | 3            | 1016          | 22-10-2018         |
| O                | SBM                       | SBM Offshore NV               | 19-6-2020   | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5300     | 3    | 0            | 327           | 22-10-2018         |
| O                | SBM                       | SBM Offshore NV               | 19-6-2020   | 14,0000        | P                 | EUR               | 1,7000 | 1,7000 | 1,7000 | 2           | 1,7000 | 1,7900     | 2    | 3            | 131           | 22-10-2018         |
| O                | SBM                       | SBM Offshore NV               | 19-6-2020   | 16,0000        | C                 | EUR               | 1,7500 | 1,7500 | 1,7000 | 2           | 1,7000 | 1,6400     | 2    | 6            | 445           | 22-10-2018         |
| O                | SBM                       | SBM Offshore NV               | 19-6-2020   | 16,0000        | P                 | EUR               | 2,7500 | 2,7500 | 2,7500 | 2           | 2,7500 | 2,9300     | 3    | 3            | 178           | 22-10-2018         |
| O                | SBM                       | SBM Offshore NV               | 19-6-2020   | 18,0000        | C                 | EUR               | 1,2000 | 1,2000 | 1,1000 | 7           | 1,1500 | 1,0600     | 1    | 157          | 1160          | 22-10-2018         |
| O                | SBM                       | SBM Offshore NV               | 19-6-2020   | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,3800     | 4    | 0            | 210           | 22-10-2018         |
| O                | SBM                       | SBM Offshore NV               | 19-6-2020   | 20,0000        | C                 | EUR               | 0,7000 | 0,7000 | 0,7000 | 1           | 0,7000 | 0,6600     | 1    | 1            | 182           | 22-10-2018         |
| O                | SBM                       | SBM Offshore NV               | 19-6-2020   | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,9900     | 6    | 0            | 303           | 22-10-2018         |
| F                | SF6                       | Software AG - Stock Future    | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 40,3190    | 40   | 0            | 0             | 22-10-2018         |
| F                | SF6                       | Software AG - Stock Future    | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 40,3035    | 40   | 0            | 0             | 22-10-2018         |
| F                | SF6                       | Software AG - Stock Future    | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 40,2911    | 40   | 0            | 0             | 22-10-2018         |
| F                | SF6                       | Software AG - Stock Future    | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 40,2775    | 40   | 0            | 0             | 22-10-2018         |
| F                | SF6                       | Software AG - Stock Future    | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 39,5420    | 40   | 0            | 0             | 22-10-2018         |
| F                | SF6                       | Software AG - Stock Future    | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 39,5095    | 40   | 0            | 0             | 22-10-2018         |
| F                | SH6                       | Smith & Nephew - Stock Future | 16-11-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1270,0300  | 1270 | 0            | 0             | 22-10-2018         |
| F                | SH6                       | Smith & Nephew - Stock Future | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1270,8200  | 1271 | 0            | 0             | 22-10-2018         |
| F                | SH6                       | Smith & Nephew - Stock Future | 18-1-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1271,4900  | 1271 | 0            | 0             | 22-10-2018         |
| F                | SH6                       | Smith & Nephew - Stock Future | 15-3-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1272,9200  | 1273 | 0            | 0             | 22-10-2018         |
| F                | SH6                       | Smith & Nephew - Stock Future | 21-6-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1259,1400  | 1259 | 0            | 0             | 22-10-2018         |
| F                | SH6                       | Smith & Nephew - Stock Future | 20-9-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1261,9600  | 1262 | 0            | 0             | 22-10-2018         |
| F                | Si6                       | Siemens AG - Stock Record     | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 100,2125   | 100  | 0            | 0             | 22-10-2018         |
| F                | Si6                       | Siemens AG - Stock Record     | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 100,1741   | 100  | 0            | 0             | 22-10-2018         |
| F                | Si6                       | Siemens AG - Stock Record     | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 100,1434   | 100  | 0            | 0             | 22-10-2018         |
| F                | Si6                       | Siemens AG - Stock Record     | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 96,9108    | 97   | 0            | 0             | 22-10-2018         |
| F                | Si6                       | Siemens AG - Stock Record     | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 96,8250    | 97   | 0            | 0             | 22-10-2018         |
| F                | Si6                       | Siemens AG - Stock Record     | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 96,7454    | 97   | 0            | 0             | 22-10-2018         |
| F                | Si8                       | Siemens - Dividend Future     | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,7000     | 4    | 0            | 0             | 22-10-2018         |
| F                | Si8                       | Siemens - Dividend Future     | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9250     | 4    | 0            | 0             | 22-10-2018         |
| F                | Si8                       | Siemens - Dividend Future     | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9250     | 4    | 0            | 0             | 22-10-2018         |
| F                | Si8                       | Siemens - Dividend Future     | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5000     | 4    | 0            | 0             | 22-10-2018         |
| F                | Si8                       | Siemens - Dividend Future     | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5000     | 4    | 0            | 0             | 22-10-2018         |
| O                | SIF                       | Sif Holding - Stock Option    | 16-11-2018  | 12,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2400     | 3    | 0            | 0             | 22-10-2018         |
| O                | SIF                       | Sif Holding - Stock Option    | 16-11-2018  | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 0             | 22-10-2018         |
| O                | SIF                       | Sif Holding - Stock Option    | 16-11-2018  | 13,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2800     | 2    | 0            | 0             | 22-10-2018         |
| O                | SIF                       | Sif Holding - Stock Option    | 16-11-2018  | 13,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 0            | 0             | 22-10-2018         |
| O                | SIF                       | Sif Holding - Stock Option    | 16-11-2018  | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3300     | 1    | 0            | 0             | 22-10-2018         |
| O                | SIF                       | Sif Holding - Stock Option    | 16-11-2018  | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     | 0    | 3            | 22-10-2018    |                    |
| O                | SIF                       | Sif Holding - Stock Option    | 16-11-2018  | 14,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9500     | 1    | 0            | 0             | 22-10-2018         |
| O                | SIF                       | Sif Holding - Stock Option    | 16-11-2018  | 14,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2300     | 0    | 0            | 0             | 22-10-2018         |
| O                | SIF                       | Sif Holding - Stock Option    | 16-11-2018  | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5700     | 1    | 0            | 0             | 22-10-2018         |
| O                | SIF                       | Sif Holding - Stock Option    | 16-11-2018  | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3600     | 0    | 22           | 22-10-2018    |                    |
| O                | SIF                       | Sif Holding - Stock Option    | 16-11-2018  | 15,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4100     | 0    | 5            | 22-10-2018    |                    |
| O                | SIF                       | Sif Holding - Stock Option    | 16-11-2018  | 15,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6900     | 1    | 0            | 54            | 22-10-2018         |
| O                | SIF                       | Sif Holding - Stock Option    | 16-11-2018  | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2100     | 0    | 0            | 57            | 22-10-2018         |
| O                | SIF                       | Sif Holding - Stock Option    | 16-11-2018  | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0000     | 1    | 0            | 92            | 22-10-2018         |
| O                | SIF                       | Sif Holding - Stock Option    | 16-11-2018  | 16,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     | 0    | 0            | 9             | 22-10-2018         |
| O                | SIF                       | Sif Holding - Stock Option    | 16-11-2018  | 16,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4100     | 1    | 0            | 21            | 22-10-2018         |
| O                | SIF                       | Sif Holding - Stock Option    | 16-11-2018  | 17,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 5             | 22-10-2018         |
| O                | SIF                       | Sif Holding - Stock Option    | 16-11-2018  | 17,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8300     | 2    | 0            | 36            | 22-10-2018         |
| O                | SIF                       | Sif Holding - Stock Option    | 16-11-2018  | 17,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 24            | 22-10-2018         |
| O                | SIF                       | Sif Holding - Stock Option    | 16-11-2018  | 17,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3100     | 2    | 0            | 1             | 22-10-2018         |
| O                | SIF                       | Sif Holding - Stock Option    | 16-11-2018  | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 85            | 22-10-2018         |
| O                | SIF                       | Sif Holding - Stock Option    | 16-11-2018  | 18,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7900     | 3    | 0            | 30            | 22-10-2018         |
| O                | SIF                       | Sif Holding - Stock Option    | 16-11-2018  | 19,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | SIF                       | Sif Holding - Stock Option    | 16-11-2018  | 19,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,7900     | 4    | 0            | 9             | 22-10-2018         |
| O                | SIF                       | Sif Holding - Stock Option    | 16-11-2018  | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | SIF                       | Sif Holding - Stock Option    | 16-11-2018  | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,7900     | 5    | 0            | 0             | 22-10-2018         |
| O                | SIF                       | Sif Holding - Stock Option    | 16-11-2018  | 21,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 5             | 22-10-2018         |
| O                | SIF                       | Sif Holding - Stock Option    | 16-11-2018  | 21,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,7900     | 6    | 0            | 0             | 22-10-2018         |
| O                | SIF                       | Sif Holding - Stock Option    | 21-12-2018  | 12,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3600     | 3    | 0            | 0             | 22-10-2018         |
| O                | SIF                       | Sif Holding - Stock Option    | 21-12-2018  | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1500     | 0    | 0            | 0             | 22-10-2018         |
| O                | SIF                       | Sif Holding - Stock Option    | 21-12-2018  | 13,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4100     | 2    | 0            | 0             | 22-10-2018         |
| O                | SIF                       | Sif Holding - Stock Option    | 21-12-2018  | 13,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1900     | 0    | 0            | 0             | 22-10-2018         |
| O                | SIF                       | Sif Holding - Stock Option    | 21-12-2018  | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4900     | 1    | 0            | 0             | 22-10-2018         |
| O                | SIF                       | Sif Holding - Stock Option    | 21-12-2018  | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2800     | 0    | 0            | 0             | 22-10-2018         |
| O                | SIF                       | Sif Holding - Stock Option    | 21-12-2018  | 14,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1200     | 1    | 0            | 45            | 22-10-2018         |
| O                | SIF                       | Sif Holding - Stock Option    | 21-12-2018  | 14,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4100     | 0    | 0            | 0             | 22-10-2018         |
| O                | SIF                       | Sif Holding - Stock Option    | 21-12-2018  | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8000     | 1    | 0            | 26            | 22-10-2018         |
| O                | SIF                       | Sif Holding - Stock Option    | 21-12-2018  | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5900     | 1    | 0            | 55            | 2                  |



Euronext Amsterdam N.V. – Beursplein 5, Amsterdam – Tel: +31 (0) 20 721 4444



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| Instrument Type* | Instrument Trading Symbol | Instrument Name                    | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|------------------------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| F                | SL6                       | Sainsbury (J) - Stock Future       | 20-9-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 295,2300   | 295  | 0            | 0             | 22-10-2018         |
| F                | SL6                       | Salzgitter AG - Stock Future       | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 37,7796    | 38   | 0            | 0             | 22-10-2018         |
| F                | SL6                       | Salzgitter AG - Stock Future       | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 37,7652    | 38   | 0            | 0             | 22-10-2018         |
| F                | SL6                       | Salzgitter AG - Stock Future       | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 37,7536    | 38   | 0            | 0             | 22-10-2018         |
| F                | SL6                       | Salzgitter AG - Stock Future       | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 37,7408    | 38   | 0            | 0             | 22-10-2018         |
| F                | SL6                       | Salzgitter AG - Stock Future       | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 37,2075    | 37   | 0            | 0             | 22-10-2018         |
| F                | SL6                       | Salzgitter AG - Stock Future       | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 37,1769    | 37   | 0            | 0             | 22-10-2018         |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 16-11-2018  | 29,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,7100     | 9    | 0            | 0             | 22-10-2018         |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 16-11-2018  | 29,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 0            | 0             | 22-10-2018         |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 16-11-2018  | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,7100     | 8    | 0            | 0             | 22-10-2018         |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 16-11-2018  | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 0            | 0             | 22-10-2018         |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 16-11-2018  | 32,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,7300     | 6    | 0            | 0             | 22-10-2018         |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 16-11-2018  | 32,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     | 0    | 0            | 3             | 22-10-2018         |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 16-11-2018  | 34,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,7900     | 4    | 0            | 10            | 22-10-2018         |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 16-11-2018  | 34,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1400     | 0    | 0            | 28            | 22-10-2018         |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 16-11-2018  | 35,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8400     | 3    | 0            | 60            | 22-10-2018         |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 16-11-2018  | 35,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2000     | 0    | 0            | 84            | 22-10-2018         |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 16-11-2018  | 36,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9900     | 2    | 0            | 40            | 22-10-2018         |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 16-11-2018  | 36,0000        | P                 | EUR               | 0,3500 | 0,3500 | 0,3500 | 1           | 0,3500 | 0,3500     | 0    | 10           | 63            | 22-10-2018         |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 16-11-2018  | 37,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2800     | 1    | 0            | 50            | 22-10-2018         |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 16-11-2018  | 37,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6400     | 1    | 0            | 48            | 22-10-2018         |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 16-11-2018  | 38,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7400     | 1    | 0            | 128           | 22-10-2018         |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 16-11-2018  | 38,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1000     | 1    | 0            | 230           | 22-10-2018         |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 16-11-2018  | 39,0000        | C                 | EUR               | 0,3500 | 0,3500 | 0,3500 | 1           | 0,3500 | 0,3600     | 0    | 3            | 19            | 22-10-2018         |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 16-11-2018  | 39,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7200     | 2    | 0            | 0             | 22-10-2018         |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 16-11-2018  | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1800     | 0    | 0            | 33            | 22-10-2018         |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 16-11-2018  | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5400     | 3    | 0            | 0             | 22-10-2018         |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 16-11-2018  | 42,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     | 0    | 0            | 0             | 22-10-2018         |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 16-11-2018  | 42,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,4000     | 4    | 0            | 10            | 22-10-2018         |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 16-11-2018  | 44,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 16-11-2018  | 44,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,3700     | 6    | 0            | 0             | 22-10-2018         |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 21-12-2018  | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,6800     | 8    | 0            | 0             | 22-10-2018         |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 21-12-2018  | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     | 0    | 0            | 0             | 22-10-2018         |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 21-12-2018  | 32,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,8000     | 6    | 0            | 0             | 22-10-2018         |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 21-12-2018  | 32,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1600     | 0    | 0            | 0             | 22-10-2018         |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 21-12-2018  | 34,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9200     | 4    | 0            | 0             | 22-10-2018         |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 21-12-2018  | 34,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2900     | 0    | 0            | 6             | 22-10-2018         |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 21-12-2018  | 35,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0900     | 3    | 0            | 0             | 22-10-2018         |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 21-12-2018  | 35,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4500     | 0    | 0            | 13            | 22-10-2018         |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 21-12-2018  | 36,0000        | C                 | EUR               | 2,3000 | 2,3000 | 2,3000 | 1           | 2,3000 | 2,3600     | 2    | 2            | 39            | 22-10-2018         |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 21-12-2018  | 36,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7300     | 1    | 0            | 15            | 22-10-2018         |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 21-12-2018  | 37,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6900     | 2    | 0            | 41            | 22-10-2018         |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 21-12-2018  | 37,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0600     | 1    | 0            | 33            | 22-10-2018         |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 21-12-2018  | 38,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1400     | 1    | 0            | 96            | 22-10-2018         |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 21-12-2018  | 38,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5100     | 2    | 0            | 4             | 22-10-2018         |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 21-12-2018  | 39,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7400     | 1    | 0            | 75            | 22-10-2018         |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 21-12-2018  | 39,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1200     | 2    | 0            | 0             | 22-10-2018         |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 21-12-2018  | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4400     | 0    | 0            | 239           | 22-10-2018         |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 21-12-2018  | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8200     | 3    | 0            | 14            | 22-10-2018         |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 21-12-2018  | 42,0000        | C                 | EUR               | 0,2200 | 0,2200 | 0,2200 | 3           | 0,2200 | 0,1800     | 0    | 24           | 34            | 22-10-2018         |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 21-12-2018  | 42,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,5500     | 5    | 0            | 11            | 22-10-2018         |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 21-12-2018  | 44,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     | 0    | 0            | 0             | 22-10-2018         |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 21-12-2018  | 44,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,4600     | 6    | 0            | 0             | 22-10-2018         |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 18-1-2019   | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,6900     | 8    | 0            | 0             | 22-10-2018         |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 18-1-2019   | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 0             | 22-10-2018         |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 18-1-2019   | 32,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,8100     | 6    | 0            | 0             | 22-10-2018         |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 18-1-2019   | 32,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1900     | 0    | 0            | 0             | 22-10-2018         |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 18-1-2019   | 34,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,0800     | 4    | 0            | 0             | 22-10-2018         |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 18-1-2019   | 34,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4600     | 0    | 0            | 0             | 22-10-2018         |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 18-1-2019   | 36,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5500     | 3    | 0            | 0             | 22-10-2018         |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 18-1-2019   | 36,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9300     | 1    | 0            | 0             | 22-10-2018         |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 18-1-2019   | 37,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9000     | 2    | 0            | 0             | 22-10-2018         |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 18-1-2019   | 37,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2900     | 1    | 0            | 0             | 22-10-2018         |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 18-1-2019   | 38,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4100     | 1    | 0            | 0             | 22-10-2018         |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 18-1-2019   | 38,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8000     | 2    | 0            | 0             | 22-10-2018         |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 18-1-2019   | 39,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0000     | 1    | 0            | 0             | 22-10-2018         |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 18-1-2019   | 39,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3900     | 2    | 0            | 0             | 22-10-2018         |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 18-1-2019   | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6900     | 1    | 0            | 0             | 22-10-2018         |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 18-1-2019   | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0800     | 3    | 0            | 0             | 22-10-2018         |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 18-1-2019   | 42,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3200     | 0    | 0            | 0             | 22-10-2018         |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 18-1-2019   | 42,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,7100     | 5    | 0            | 0             | 22-10-2018         |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 18-1-2019   | 44,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1500     | 0    | 0            | 0             | 22-10-2018         |
| O                | SLG                       | Silgro Food Group NV - Stnd Option | 18-1-2019   | 44,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,5500     | 7    | 0            | 0             | 22-10-2018         |
| F                | SN6                       | Stora Enso R - Stock Future        | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,6263    | 14   | 0            | 0             | 22-10-2018         |
| F                | SN6                       | Stora Enso R - Stock Future        | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,6210    | 14   | 0            | 0             | 22-10-2018         |
| F                | SN6                       | Stora Enso R - Stock Future        | 18-1-2019   |                |                   |                   |        |        |        |             |        |            |      |              |               |                    |



Euronext Amsterdam N.V. – Beursplein 5, Amsterdam – Tel: +31 (0) 20 721 4444



| Instrument Type* | Instrument Trading Symbol | Instrument Name                            | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|--|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | SR                        | SNS Reaal N.V                              | 10-6-2019   | 2,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1600     |      | 1            | 0             | 281 22-10-2018     |
| O                | SR                        | SNS Reaal N.V                              | 11-6-2019   | 0,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4400     |      | 0            | 0             | 456 22-10-2018     |
| O                | SR                        | SNS Reaal N.V                              | 11-6-2019   | 0,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 859 22-10-2018     |
| O                | SR                        | SNS Reaal N.V                              | 11-6-2019   | 0,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2400     |      | 0            | 0             | 20 22-10-2018      |
| O                | SR                        | SNS Reaal N.V                              | 11-6-2019   | 0,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 403 22-10-2018     |
| O                | SR                        | SNS Reaal N.V                              | 11-6-2019   | 0,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     |      | 0            | 0             | 2358 22-10-2018    |
| O                | SR                        | SNS Reaal N.V                              | 11-6-2019   | 0,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 1631 22-10-2018    |
| O                | SR                        | SNS Reaal N.V                              | 11-6-2019   | 1,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 2048 22-10-2018    |
| O                | SR                        | SNS Reaal N.V                              | 11-6-2019   | 1,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1600     |      | 0            | 0             | 1127 22-10-2018    |
| O                | SR                        | SNS Reaal N.V                              | 11-6-2019   | 1,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 2581 22-10-2018    |
| O                | SR                        | SNS Reaal N.V                              | 11-6-2019   | 1,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3600     |      | 0            | 0             | 656 22-10-2018     |
| O                | SR                        | SNS Reaal N.V                              | 11-6-2019   | 1,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 1071 22-10-2018    |
| O                | SR                        | SNS Reaal N.V                              | 11-6-2019   | 1,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5600     |      | 1            | 0             | 883 22-10-2018     |
| O                | SR                        | SNS Reaal N.V                              | 11-6-2019   | 1,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 716 22-10-2018     |
| O                | SR                        | SNS Reaal N.V                              | 11-6-2019   | 1,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7600     |      | 1            | 0             | 1442 22-10-2018    |
| O                | SR                        | SNS Reaal N.V                              | 11-6-2019   | 2,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0 22-10-2018       |
| O                | SR                        | SNS Reaal N.V                              | 11-6-2019   | 2,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1600     |      | 1            | 0             | 100 22-10-2018     |
| O                | SR                        | SNS Reaal N.V                              | 12-6-2019   | 0,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3400     |      | 0            | 0             | 951 22-10-2018     |
| O                | SR                        | SNS Reaal N.V                              | 12-6-2019   | 0,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 847 22-10-2018     |
| O                | SR                        | SNS Reaal N.V                              | 12-6-2019   | 0,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     |      | 0            | 0             | 775 22-10-2018     |
| O                | SR                        | SNS Reaal N.V                              | 12-6-2019   | 0,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 1571 22-10-2018    |
| O                | SR                        | SNS Reaal N.V                              | 12-6-2019   | 1,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 2052 22-10-2018    |
| O                | SR                        | SNS Reaal N.V                              | 12-6-2019   | 1,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1600     |      | 0            | 0             | 1171 22-10-2018    |
| O                | SR                        | SNS Reaal N.V                              | 12-6-2019   | 1,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 1044 22-10-2018    |
| O                | SR                        | SNS Reaal N.V                              | 12-6-2019   | 1,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3600     |      | 0            | 0             | 609 22-10-2018     |
| O                | SR                        | SNS Reaal N.V                              | 12-6-2019   | 1,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 1058 22-10-2018    |
| O                | SR                        | SNS Reaal N.V                              | 12-6-2019   | 1,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6600     |      | 1            | 0             | 908 22-10-2018     |
| O                | SR                        | SNS Reaal N.V                              | 12-6-2019   | 2,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 344 22-10-2018     |
| O                | SR                        | SNS Reaal N.V                              | 12-6-2019   | 2,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1600     |      | 1            | 0             | 427 22-10-2018     |
| F                | SR6                       | ACS Actividades Cons y Serv - Stock Future | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 31,9712    |      | 32           | 0             | 0 22-10-2018       |
| F                | SR6                       | ACS Actividades Cons y Serv - Stock Future | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 31,9590    |      | 32           | 0             | 0 22-10-2018       |
| F                | SR6                       | ACS Actividades Cons y Serv - Stock Future | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 31,9492    |      | 32           | 0             | 0 22-10-2018       |
| F                | SR6                       | ACS Actividades Cons y Serv - Stock Future | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 31,4846    |      | 31           | 0             | 0 22-10-2018       |
| F                | SR6                       | ACS Actividades Cons y Serv - Stock Future | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 31,4567    |      | 31           | 0             | 0 22-10-2018       |
| F                | SR6                       | ACS Actividades Cons y Serv - Stock Future | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 30,4656    |      | 30           | 0             | 0 22-10-2018       |
| F                | ST8                       | STMicreoelectronics - Dividend Future      | 21-12-2018  | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3000     |      | 0            | 0             | 0 22-10-2018       |
| F                | ST8                       | STMicreoelectronics - Dividend Future      | 20-12-2019  | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3900     |      | 0            | 0             | 0 22-10-2018       |
| F                | ST8                       | STMicreoelectronics - Dividend Future      | 18-12-2020  | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3900     |      | 0            | 0             | 0 22-10-2018       |
| F                | ST8                       | STMicreoelectronics - Dividend Future      | 17-12-2021  | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3900     |      | 0            | 0             | 0 22-10-2018       |
| F                | ST8                       | STMicreoelectronics - Dividend Future      | 16-12-2022  | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3900     |      | 0            | 0             | 0 22-10-2018       |
| F                | SV6                       | SCA B - Stock Future                       | 16-11-2018  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 88,3359    |      | 88           | 0             | 0 22-10-2018       |
| F                | SV6                       | SCA B - Stock Future                       | 21-12-2018  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 88,3054    |      | 88           | 0             | 0 22-10-2018       |
| F                | SV6                       | SCA B - Stock Future                       | 18-1-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 88,2837    |      | 88           | 0             | 0 22-10-2018       |
| F                | SV6                       | SCA B - Stock Future                       | 15-3-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 88,2379    |      | 88           | 0             | 0 22-10-2018       |
| F                | SV6                       | SCA B - Stock Future                       | 21-6-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 86,3721    |      | 86           | 0             | 0 22-10-2018       |
| F                | SV6                       | SCA B - Stock Future                       | 20-9-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 86,3349    |      | 86           | 0             | 0 22-10-2018       |
| F                | SK6                       | Standard Chartered - Stock Future          | 16-11-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 540,6300   |      | 541          | 0             | 0 22-10-2018       |
| F                | SK6                       | Standard Chartered - Stock Future          | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 540,9600   |      | 541          | 0             | 0 22-10-2018       |
| F                | SK6                       | Standard Chartered - Stock Future          | 18-1-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 541,2500   |      | 541          | 0             | 0 22-10-2018       |
| F                | SK6                       | Standard Chartered - Stock Future          | 15-3-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 530,3500   |      | 530          | 0             | 0 22-10-2018       |
| F                | SK6                       | Standard Chartered - Stock Future          | 21-6-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 531,5100   |      | 532          | 0             | 0 22-10-2018       |
| F                | SK6                       | Standard Chartered - Stock Future          | 20-9-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 523,5700   |      | 524          | 0             | 0 22-10-2018       |
| F                | SK8                       | Standard Chartered - Dividend Future       | 21-12-2018  | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1700     |      | 0            | 0             | 0 22-10-2018       |
| F                | SK8                       | Standard Chartered - Dividend Future       | 20-12-2019  | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1900     |      | 0            | 0             | 0 22-10-2018       |
| F                | SK8                       | Standard Chartered - Dividend Future       | 18-12-2020  | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1900     |      | 0            | 0             | 0 22-10-2018       |
| F                | SK8                       | Standard Chartered - Dividend Future       | 17-12-2021  | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1900     |      | 0            | 0             | 0 22-10-2018       |
| F                | SK8                       | Standard Chartered - Dividend Future       | 16-12-2022  | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1900     |      | 0            | 0             | 0 22-10-2018       |
| F                | SY6                       | Symrise AG - Stock Future                  | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 71,3604    |      | 71           | 0             | 0 22-10-2018       |
| F                | SY6                       | Symrise AG - Stock Future                  | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 71,3331    |      | 71           | 0             | 0 22-10-2018       |
| F                | SY6                       | Symrise AG - Stock Future                  | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 71,3112    |      | 71           | 0             | 0 22-10-2018       |
| F                | SY6                       | Symrise AG - Stock Future                  | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 71,2871    |      | 71           | 0             | 0 22-10-2018       |
| F                | SY6                       | Symrise AG - Stock Future                  | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 70,2743    |      | 70           | 0             | 0 22-10-2018       |
| F                | SY6                       | Symrise AG - Stock Future                  | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 70,2165    |      | 70           | 0             | 0 22-10-2018       |
| F                | SZ6                       | Suedzucker AG - Stock Future               | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,4663    |      | 13           | 0             | 0 22-10-2018       |
| F                | SZ6                       | Suedzucker AG - Stock Future               | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,4611    |      | 13           | 0             | 0 22-10-2018       |
| F                | SZ6                       | Suedzucker AG - Stock Future               | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,4570    |      | 13           | 0             | 0 22-10-2018       |
| F                | SZ6                       | Suedzucker AG - Stock Future               | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,4525    |      | 13           | 0             | 0 22-10-2018       |
| F                | SZ6                       | Suedzucker AG - Stock Future               | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,4406    |      | 13           | 0             | 0 22-10-2018       |
| F                | SZ6                       | Suedzucker AG - Stock Future               | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,4295    |      | 13           | 0             | 0 22-10-2018       |
| F                | TA6                       | Telefonica SA - Stock Future               | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,9381     |      | 7            | 0             | 0 22-10-2018       |
| F                | TA6                       | Telefonica SA - Stock Future               | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,7354     |      | 7            | 0             | 0 22-10-2018       |
| F                | TA6                       | Telefonica SA - Stock Future               | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,7334     |      | 7            | 0             | 0 22-10-2018       |
| F                | TA6                       | Telefonica SA - Stock Future               | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,7311     |      | 7            | 0             | 0 22-10-2018       |
| F                | TA6                       | Telefonica SA - Stock Future               | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,5252     |      | 7            | 0             | 0 22-10-2018       |
| F                | TA6                       | Telefonica SA - Stock Future               | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,5198     |      | 7            | 0             | 0 22-10-2018       |
| F                | TA8                       | Telefonica - Dividend Future               | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4000     |      | 0            | 0             | 0 22-10-2018       |
| F                | TA8                       | Telefonica - Dividend Future               | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4000     |      | 0            |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name                               | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|---|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| F                | TB6                       | British American Tobacco - Stock Future       | 20-9-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3229,2200  | 3229 | 0            | 0             | 22-10-2018         |
| F                | TB8                       | British American Tobacco - Dividend Future    | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 190,0000   | 190  | 0            | 0             | 22-10-2018         |
| F                | TB8                       | British American Tobacco - Dividend Future    | 20-12-2019  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 174,6000   | 175  | 0            | 0             | 22-10-2018         |
| F                | TB8                       | British American Tobacco - Dividend Future    | 18-12-2020  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 174,6000   | 175  | 0            | 0             | 22-10-2018         |
| F                | TB8                       | British American Tobacco - Dividend Future    | 17-12-2021  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 174,6000   | 175  | 0            | 0             | 22-10-2018         |
| F                | TB8                       | British American Tobacco - Dividend Future    | 16-12-2022  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 174,6000   | 175  | 0            | 0             | 22-10-2018         |
| F                | TG6                       | TGS Noper: Geophysical Company - Stock Future | 16-11-2018  | 0,0000         |                   | NOK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 271,7773   | 272  | 0            | 0             | 22-10-2018         |
| F                | TG6                       | TGS Noper: Geophysical Company - Stock Future | 21-12-2018  | 0,0000         |                   | NOK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 272,1180   | 272  | 0            | 0             | 22-10-2018         |
| F                | TG6                       | TGS Noper: Geophysical Company - Stock Future | 18-1-2019   | 0,0000         |                   | NOK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 272,4735   | 272  | 0            | 0             | 22-10-2018         |
| F                | TG6                       | TGS Noper: Geophysical Company - Stock Future | 15-3-2019   | 0,0000         |                   | NOK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 271,4928   | 271  | 0            | 0             | 22-10-2018         |
| F                | TG6                       | TGS Noper: Geophysical Company - Stock Future | 21-6-2019   | 0,0000         |                   | NOK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 270,9925   | 271  | 0            | 0             | 22-10-2018         |
| F                | TG6                       | TGS Noper: Geophysical Company - Stock Future | 20-9-2019   | 0,0000         |                   | NOK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 270,2709   | 270  | 0            | 0             | 22-10-2018         |
| F                | TH6                       | ThyssenKrupp AG - Stock Future                | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,9648    | 19   | 0            | 0             | 22-10-2018         |
| F                | TH6                       | ThyssenKrupp AG - Stock Future                | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,9575    | 19   | 0            | 0             | 22-10-2018         |
| F                | TH6                       | ThyssenKrupp AG - Stock Future                | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,9517    | 19   | 0            | 0             | 22-10-2018         |
| F                | TH6                       | ThyssenKrupp AG - Stock Future                | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,7454    | 19   | 0            | 0             | 22-10-2018         |
| F                | TH6                       | ThyssenKrupp AG - Stock Future                | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,7288    | 19   | 0            | 0             | 22-10-2018         |
| F                | TH6                       | ThyssenKrupp AG - Stock Future                | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,7134    | 19   | 0            | 0             | 22-10-2018         |
| F                | TH8                       | ThyssenKrupp - Dividend Future                | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1500     | 0    | 0            | 0             | 22-10-2018         |
| F                | TH8                       | ThyssenKrupp - Dividend Future                | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2700     | 0    | 0            | 0             | 22-10-2018         |
| F                | TH8                       | ThyssenKrupp - Dividend Future                | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3600     | 0    | 0            | 0             | 22-10-2018         |
| F                | TH8                       | ThyssenKrupp - Dividend Future                | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4200     | 0    | 0            | 0             | 22-10-2018         |
| F                | TH8                       | ThyssenKrupp - Dividend Future                | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4500     | 0    | 0            | 0             | 22-10-2018         |
| F                | TI6                       | Telecom Italia SpA - Stock Future             | 15-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5013     | 1    | 0            | 0             | 22-10-2018         |
| F                | TI6                       | Telecom Italia SpA - Stock Future             | 20-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5011     | 1    | 0            | 0             | 22-10-2018         |
| F                | TI6                       | Telecom Italia SpA - Stock Future             | 17-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5009     | 1    | 0            | 0             | 22-10-2018         |
| F                | TI6                       | Telecom Italia SpA - Stock Future             | 14-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5008     | 1    | 0            | 0             | 22-10-2018         |
| F                | TI6                       | Telecom Italia SpA - Stock Future             | 20-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5003     | 1    | 0            | 0             | 22-10-2018         |
| F                | TI6                       | Telecom Italia SpA - Stock Future             | 19-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4999     | 0    | 0            | 0             | 22-10-2018         |
| F                | TI8                       | Telecom Italia - Dividend Future              | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0000     | 0    | 0            | 0             | 22-10-2018         |
| F                | TI8                       | Telecom Italia - Dividend Future              | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0000     | 0    | 0            | 0             | 22-10-2018         |
| F                | TI8                       | Telecom Italia - Dividend Future              | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0150     | 0    | 0            | 0             | 22-10-2018         |
| F                | TI8                       | Telecom Italia - Dividend Future              | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0150     | 0    | 0            | 0             | 22-10-2018         |
| F                | TI8                       | Telecom Italia - Dividend Future              | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0150     | 0    | 0            | 0             | 22-10-2018         |
| F                | TJ6                       | Telia Company - Stock Future                  | 16-11-2018  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 40,5789    | 41   | 0            | 0             | 22-10-2018         |
| F                | TJ6                       | Telia Company - Stock Future                  | 21-12-2018  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 40,5649    | 41   | 0            | 0             | 22-10-2018         |
| F                | TJ6                       | Telia Company - Stock Future                  | 18-1-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 40,5549    | 41   | 0            | 0             | 22-10-2018         |
| F                | TJ6                       | Telia Company - Stock Future                  | 15-3-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 40,5339    | 41   | 0            | 0             | 22-10-2018         |
| F                | TJ6                       | Telia Company - Stock Future                  | 21-6-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 39,3537    | 39   | 0            | 0             | 22-10-2018         |
| F                | TJ6                       | Telia Company - Stock Future                  | 20-9-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 39,3369    | 39   | 0            | 0             | 22-10-2018         |
| F                | TJ8                       | Telia Company - Dividend Future               | 21-12-2018  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3000     | 2    | 0            | 0             | 22-10-2018         |
| F                | TJ8                       | Telia Company - Dividend Future               | 20-12-2019  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5000     | 3    | 0            | 0             | 22-10-2018         |
| F                | TJ8                       | Telia Company - Dividend Future               | 18-12-2020  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6000     | 3    | 0            | 0             | 22-10-2018         |
| F                | TJ8                       | Telia Company - Dividend Future               | 17-12-2021  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7000     | 3    | 0            | 0             | 22-10-2018         |
| F                | TJ8                       | Telia Company - Dividend Future               | 16-12-2022  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8000     | 3    | 0            | 0             | 22-10-2018         |
| F                | TK6                       | Deutsche Telekom AG - Stock Future            | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,5610    | 15   | 0            | 0             | 22-10-2018         |
| F                | TK6                       | Deutsche Telekom AG - Stock Future            | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,5554    | 15   | 0            | 0             | 22-10-2018         |
| F                | TK6                       | Deutsche Telekom AG - Stock Future            | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,5510    | 15   | 0            | 0             | 22-10-2018         |
| F                | TK6                       | Deutsche Telekom AG - Stock Future            | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,5460    | 15   | 0            | 0             | 22-10-2018         |
| F                | TK6                       | Deutsche Telekom AG - Stock Future            | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,8837    | 14   | 0            | 0             | 22-10-2018         |
| F                | TK6                       | Deutsche Telekom AG - Stock Future            | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,8722    | 14   | 0            | 0             | 22-10-2018         |
| F                | TK8                       | Deutsche Telekom - Dividend Future            | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6500     | 1    | 0            | 160           | 22-10-2018         |
| F                | TK8                       | Deutsche Telekom - Dividend Future            | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7000     | 1    | 0            | 80            | 22-10-2018         |
| F                | TK8                       | Deutsche Telekom - Dividend Future            | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6800     | 1    | 0            | 0             | 22-10-2018         |
| F                | TK8                       | Deutsche Telekom - Dividend Future            | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8000     | 1    | 0            | 0             | 22-10-2018         |
| F                | TK8                       | Deutsche Telekom - Dividend Future            | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8000     | 1    | 0            | 0             | 22-10-2018         |
| O                | TKG                       | TKH Group NV Stnd Option                      | 16-11-2018  | 36,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,9300     | 9    | 0            | 0             | 22-10-2018         |
| O                | TKG                       | TKH Group NV Stnd Option                      | 16-11-2018  | 36,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 0            | 0             | 22-10-2018         |
| O                | TKG                       | TKH Group NV Stnd Option                      | 16-11-2018  | 38,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,9700     | 7    | 0            | 0             | 22-10-2018         |
| O                | TKG                       | TKH Group NV Stnd Option                      | 16-11-2018  | 38,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1000     | 0    | 0            | 0             | 22-10-2018         |
| O                | TKG                       | TKH Group NV Stnd Option                      | 16-11-2018  | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,0900     | 5    | 0            | 8             | 22-10-2018         |
| O                | TKG                       | TKH Group NV Stnd Option                      | 16-11-2018  | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2200     | 0    | 0            | 2             | 22-10-2018         |
| O                | TKG                       | TKH Group NV Stnd Option                      | 16-11-2018  | 42,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3800     | 3    | 0            | 10            | 22-10-2018         |
| O                | TKG                       | TKH Group NV Stnd Option                      | 16-11-2018  | 42,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5100     | 1    | 0            | 56            | 22-10-2018         |
| O                | TKG                       | TKH Group NV Stnd Option                      | 16-11-2018  | 43,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6500     | 3    | 0            | 16            | 22-10-2018         |
| O                | TKG                       | TKH Group NV Stnd Option                      | 16-11-2018  | 43,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7800     | 1    | 0            | 80            | 22-10-2018         |
| O                | TKG                       | TKH Group NV Stnd Option                      | 16-11-2018  | 44,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9800     | 2    | 0            | 29            | 22-10-2018         |
| O                | TKG                       | TKH Group NV Stnd Option                      | 16-11-2018  | 44,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1100     | 1    | 0            | 198           | 22-10-2018         |
| O                | TKG                       | TKH Group NV Stnd Option                      | 16-11-2018  | 45,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4300     | 1    | 0            | 40            | 22-10-2018         |
| O                | TKG                       | TKH Group NV Stnd Option                      | 16-11-2018  | 45,0000        | P                 | EUR               | 1,6000 | 1,6000 | 1,6000 | 2           | 1,6000 | 1,5600     | 2    | 4            | 65            | 22-10-2018         |
| O                | TKG                       | TKH Group NV Stnd Option                      | 16-11-2018  | 46,0000        | C                 | EUR               | 0,9500 | 1,0500 | 0,9500 | 6           | 1,0000 | 0,9900     | 1    | 9            | 67            | 22-10-2018         |
| O                | TKG                       | TKH Group NV Stnd Option                      | 16-11-2018  | 46,0000        | P                 | EUR               | 2,1800 | 2,1800 | 2,1800 | 1           | 2,1800 | 2,1300     | 2    | 1            | 307           | 22-10-2018         |
| O                | TKG                       | TKH Group NV Stnd Option                      | 16-11-2018  | 47,0000        | C                 | EUR               | 0,6000 | 0,6500 | 0,6000 | 4           | 0,6500 | 0,6600     | 1    | 12           | 98            | 22-10-2018         |
| O                | TKG                       | TKH Group NV Stnd Option                      | 16-11-2018  | 47,0000        | P                 | EUR               | 2,8500 | 2,8500 | 2,8000 | 2           | 2,8000 | 2,8000     | 3    | 5            | 173           | 22-10-2018         |
| O                | TKG                       | TKH Group NV Stnd Option                      | 16-11-2018  | 48,0000        | C                 | EUR               | 0,3700 | 0,3700 | 0,3700 | 1           | 0,3700 | 0,4300     | 0    | 1            | 127           | 22-10-2018         |
| O                | TKG                       | TKH Group NV Stnd Option                      | 16-11-2018  | 48,0000        | P                 | EUR               | 3,6800 | 3,6800 | 3,6800 | 1           | 3,6800 | 3,5600     | 4    | 1            | 131           |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name          | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|--------------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | TKG                       | TKH Group NV Stnd Option | 16-11-2018  | 54,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,1700     |      | 9            | 0             | 22-10-2018         |
| O                | TKG                       | TKH Group NV Stnd Option | 16-11-2018  | 56,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 0             | 8 22-10-2018       |
| O                | TKG                       | TKH Group NV Stnd Option | 16-11-2018  | 56,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,1500    |      | 11           | 0             | 5 22-10-2018       |
| O                | TKG                       | TKH Group NV Stnd Option | 16-11-2018  | 58,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0 22-10-2018       |
| O                | TKG                       | TKH Group NV Stnd Option | 16-11-2018  | 58,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,1500    |      | 13           | 0             | 10 22-10-2018      |
| O                | TKG                       | TKH Group NV Stnd Option | 21-12-2018  | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,8800    |      | 15           | 0             | 0 22-10-2018       |
| O                | TKG                       | TKH Group NV Stnd Option | 21-12-2018  | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0 22-10-2018       |
| O                | TKG                       | TKH Group NV Stnd Option | 21-12-2018  | 35,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,9500     |      | 10           | 0             | 1 22-10-2018       |
| O                | TKG                       | TKH Group NV Stnd Option | 21-12-2018  | 35,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     |      | 0            | 60            | 22-10-2018         |
| O                | TKG                       | TKH Group NV Stnd Option | 21-12-2018  | 36,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,9900     |      | 9            | 0             | 0 22-10-2018       |
| O                | TKG                       | TKH Group NV Stnd Option | 21-12-2018  | 36,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     |      | 0            | 0             | 0 22-10-2018       |
| O                | TKG                       | TKH Group NV Stnd Option | 21-12-2018  | 38,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,9900     |      | 7            | 0             | 0 22-10-2018       |
| O                | TKG                       | TKH Group NV Stnd Option | 21-12-2018  | 38,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2300     |      | 0            | 0             | 0 22-10-2018       |
| O                | TKG                       | TKH Group NV Stnd Option | 21-12-2018  | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,3200     |      | 5            | 0             | 45 22-10-2018      |
| O                | TKG                       | TKH Group NV Stnd Option | 21-12-2018  | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4700     |      | 0            | 147           | 22-10-2018         |
| O                | TKG                       | TKH Group NV Stnd Option | 21-12-2018  | 42,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,7100     |      | 4            | 5             | 22-10-2018         |
| O                | TKG                       | TKH Group NV Stnd Option | 21-12-2018  | 42,0000        | P                 | EUR               | 0,8500 | 0,8500 | 0,8500 | 1           | 0,8500 | 0,8600     |      | 1            | 1             | 7 22-10-2018       |
| O                | TKG                       | TKH Group NV Stnd Option | 21-12-2018  | 43,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0000     |      | 3            | 0             | 0 22-10-2018       |
| O                | TKG                       | TKH Group NV Stnd Option | 21-12-2018  | 43,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1400     |      | 1            | 0             | 40 22-10-2018      |
| O                | TKG                       | TKH Group NV Stnd Option | 21-12-2018  | 44,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3600     |      | 2            | 0             | 21 22-10-2018      |
| O                | TKG                       | TKH Group NV Stnd Option | 21-12-2018  | 44,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5100     |      | 2            | 0             | 92 22-10-2018      |
| O                | TKG                       | TKH Group NV Stnd Option | 21-12-2018  | 45,0000        | C                 | EUR               | 1,9000 | 1,9000 | 1,7500 | 3           | 1,7500 | 1,8500     |      | 2            | 3             | 7 22-10-2018       |
| O                | TKG                       | TKH Group NV Stnd Option | 21-12-2018  | 45,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0000     |      | 2            | 0             | 469 22-10-2018     |
| O                | TKG                       | TKH Group NV Stnd Option | 21-12-2018  | 46,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4400     |      | 1            | 0             | 11 22-10-2018      |
| O                | TKG                       | TKH Group NV Stnd Option | 21-12-2018  | 46,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5900     |      | 3            | 0             | 181 22-10-2018     |
| O                | TKG                       | TKH Group NV Stnd Option | 21-12-2018  | 47,0000        | C                 | EUR               | 1,0000 | 1,0000 | 1,0000 | 1           | 1,0000 | 1,0200     |      | 1            | 2             | 12 22-10-2018      |
| O                | TKG                       | TKH Group NV Stnd Option | 21-12-2018  | 47,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1700     |      | 3            | 0             | 62 22-10-2018      |
| O                | TKG                       | TKH Group NV Stnd Option | 21-12-2018  | 48,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7400     |      | 1            | 0             | 39 22-10-2018      |
| O                | TKG                       | TKH Group NV Stnd Option | 21-12-2018  | 48,0000        | P                 | EUR               | 3,9500 | 3,9500 | 3,9500 | 1           | 3,9500 | 3,8900     |      | 4            | 1             | 669 22-10-2018     |
| O                | TKG                       | TKH Group NV Stnd Option | 21-12-2018  | 49,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5500     |      | 1            | 0             | 37 22-10-2018      |
| O                | TKG                       | TKH Group NV Stnd Option | 21-12-2018  | 49,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,7000     |      | 5            | 0             | 8 22-10-2018       |
| O                | TKG                       | TKH Group NV Stnd Option | 21-12-2018  | 50,0000        | C                 | EUR               | 0,3300 | 0,3300 | 0,3300 | 2           | 0,3300 | 0,3900     |      | 0            | 5             | 215 22-10-2018     |
| O                | TKG                       | TKH Group NV Stnd Option | 21-12-2018  | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,5400     |      | 6            | 0             | 695 22-10-2018     |
| O                | TKG                       | TKH Group NV Stnd Option | 21-12-2018  | 51,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2800     |      | 0            | 1             | 22-10-2018         |
| O                | TKG                       | TKH Group NV Stnd Option | 21-12-2018  | 51,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,4400     |      | 6            | 0             | 0 22-10-2018       |
| O                | TKG                       | TKH Group NV Stnd Option | 21-12-2018  | 52,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2000     |      | 0            | 0             | 198 22-10-2018     |
| O                | TKG                       | TKH Group NV Stnd Option | 21-12-2018  | 52,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,3600     |      | 7            | 0             | 219 22-10-2018     |
| O                | TKG                       | TKH Group NV Stnd Option | 21-12-2018  | 54,0000        | C                 | EUR               | 0,1400 | 0,1400 | 0,1400 | 3           | 0,1400 | 0,1000     |      | 0            | 5             | 260 22-10-2018     |
| O                | TKG                       | TKH Group NV Stnd Option | 21-12-2018  | 54,0000        | P                 | EUR               | 9,4500 | 9,4500 | 9,4500 | 1           | 9,4500 | 9,2600     |      | 9            | 1             | 235 22-10-2018     |
| O                | TKG                       | TKH Group NV Stnd Option | 21-12-2018  | 56,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 148 22-10-2018     |
| O                | TKG                       | TKH Group NV Stnd Option | 21-12-2018  | 56,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,1700    |      | 11           | 0             | 185 22-10-2018     |
| O                | TKG                       | TKH Group NV Stnd Option | 21-12-2018  | 58,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 75 22-10-2018      |
| O                | TKG                       | TKH Group NV Stnd Option | 21-12-2018  | 58,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,1600    |      | 13           | 0             | 139 22-10-2018     |
| O                | TKG                       | TKH Group NV Stnd Option | 21-12-2018  | 60,0000        | C                 | EUR               | 0,0300 | 0,0300 | 0,0300 | 2           | 0,0300 | 0,0100     |      | 0            | 22            | 212 22-10-2018     |
| O                | TKG                       | TKH Group NV Stnd Option | 21-12-2018  | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,1600    |      | 15           | 0             | 139 22-10-2018     |
| O                | TKG                       | TKH Group NV Stnd Option | 21-12-2018  | 64,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 35 22-10-2018      |
| O                | TKG                       | TKH Group NV Stnd Option | 21-12-2018  | 64,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 19,1600    |      | 19           | 0             | 11 22-10-2018      |
| O                | TKG                       | TKH Group NV Stnd Option | 21-12-2018  | 66,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 147           | 22-10-2018         |
| O                | TKG                       | TKH Group NV Stnd Option | 21-12-2018  | 66,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,1600    |      | 21           | 0             | 0 22-10-2018       |
| O                | TKG                       | TKH Group NV Stnd Option | 21-12-2018  | 70,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 51            | 22-10-2018         |
| O                | TKG                       | TKH Group NV Stnd Option | 21-12-2018  | 70,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 25,1700    |      | 25           | 0             | 8 22-10-2018       |
| O                | TKG                       | TKH Group NV Stnd Option | 21-12-2018  | 80,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0 22-10-2018       |
| O                | TKG                       | TKH Group NV Stnd Option | 21-12-2018  | 80,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 35,1700    |      | 35           | 0             | 0 22-10-2018       |
| O                | TKG                       | TKH Group NV Stnd Option | 21-12-2018  | 90,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0 22-10-2018       |
| O                | TKG                       | TKH Group NV Stnd Option | 21-12-2018  | 90,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 45,1800    |      | 45           | 0             | 0 22-10-2018       |
| O                | TKG                       | TKH Group NV Stnd Option | 18-1-2019   | 38,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,1900     |      | 7            | 0             | 0 22-10-2018       |
| O                | TKG                       | TKH Group NV Stnd Option | 18-1-2019   | 38,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3300     |      | 0            | 0             | 0 22-10-2018       |
| O                | TKG                       | TKH Group NV Stnd Option | 18-1-2019   | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,4400     |      | 5            | 0             | 0 22-10-2018       |
| O                | TKG                       | TKH Group NV Stnd Option | 18-1-2019   | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5900     |      | 1            | 0             | 0 22-10-2018       |
| O                | TKG                       | TKH Group NV Stnd Option | 18-1-2019   | 42,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9000     |      | 4            | 0             | 0 22-10-2018       |
| O                | TKG                       | TKH Group NV Stnd Option | 18-1-2019   | 42,0000        | P                 | EUR               | 1,0500 | 1,0500 | 1,0500 | 2           | 1,0500 | 1,0600     |      | 1            | 25            | 25 22-10-2018      |
| O                | TKG                       | TKH Group NV Stnd Option | 18-1-2019   | 44,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6000     |      | 3            | 0             | 0 22-10-2018       |
| O                | TKG                       | TKH Group NV Stnd Option | 18-1-2019   | 44,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7600     |      | 2            | 0             | 0 22-10-2018       |
| O                | TKG                       | TKH Group NV Stnd Option | 18-1-2019   | 45,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1000     |      | 2            | 0             | 0 22-10-2018       |
| O                | TKG                       | TKH Group NV Stnd Option | 18-1-2019   | 45,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2600     |      | 2            | 0             | 0 22-10-2018       |
| O                | TKG                       | TKH Group NV Stnd Option | 18-1-2019   | 46,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6700     |      | 2            | 0             | 0 22-10-2018       |
| O                | TKG                       | TKH Group NV Stnd Option | 18-1-2019   | 46,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8300     |      | 3            | 0             | 0 22-10-2018       |
| O                | TKG                       | TKH Group NV Stnd Option | 18-1-2019   | 48,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9700     |      | 1            | 0             | 0 22-10-2018       |
| O                | TKG                       | TKH Group NV Stnd Option | 18-1-2019   | 48,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,1400     |      | 4            | 0             | 0 22-10-2018       |
| O                | TKG                       | TKH Group NV Stnd Option | 18-1-2019   | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5200     |      | 1            | 0             | 0 22-10-2018       |
| O                | TKG                       | TKH Group NV Stnd Option | 18-1-2019   | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,6900     |      | 6            | 0             | 0 22-10-2018       |
| O                | TKG                       | TKH Group NV Stnd Option | 18-1-2019   | 52,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2700     |      | 0            | 0             | 0 22-10-2018       |
| O                | TKG                       | TKH Group NV Stnd Option | 18-1-2019   | 52,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,4400     |      | 7            | 0             | 0 22-10-2018       |
| O                | TKG                       | TKH Group NV Stnd Option | 15-3-2019   | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,0200    |      | 15           | 0             | 0 22-10-2018       |
| O                | TKG                       | TKH Group NV Stnd Option | 15-3-2019   | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1700     |      | 0            | 0             | 0 22-10-2018       |
| O                | TKG                       | TKH Group NV Stnd Option | 15-3-2019   | 35,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,2500    |      | 10           |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name                 | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|---------------------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | TKG                       | TKH Group NV Stnd Option        | 15-3-2019   | 46,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3100     |      | 2            | 0             | 51 22-10-2018      |
| O                | TKG                       | TKH Group NV Stnd Option        | 15-3-2019   | 46,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4900     |      | 3            | 0             | 42 22-10-2018      |
| O                | TKG                       | TKH Group NV Stnd Option        | 15-3-2019   | 48,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5500     |      | 2            | 0             | 47 22-10-2018      |
| O                | TKG                       | TKH Group NV Stnd Option        | 15-3-2019   | 48,0000        | P                 | EUR               | 4,7000 | 4,7000 | 4,7000 | 1           | 4,7000 | 4,7400     |      | 5            | 1             | 112 22-10-2018     |
| O                | TKG                       | TKH Group NV Stnd Option        | 15-3-2019   | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0100     |      | 1            | 0             | 246 22-10-2018     |
| O                | TKG                       | TKH Group NV Stnd Option        | 15-3-2019   | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,2000     |      | 6            | 0             | 260 22-10-2018     |
| O                | TKG                       | TKH Group NV Stnd Option        | 15-3-2019   | 52,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6500     |      | 1            | 0             | 340 22-10-2018     |
| O                | TKG                       | TKH Group NV Stnd Option        | 15-3-2019   | 52,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,8400     |      | 8            | 0             | 204 22-10-2018     |
| O                | TKG                       | TKH Group NV Stnd Option        | 15-3-2019   | 54,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4100     |      | 0            | 0             | 136 22-10-2018     |
| O                | TKG                       | TKH Group NV Stnd Option        | 15-3-2019   | 54,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,6000     |      | 10           | 0             | 169 22-10-2018     |
| O                | TKG                       | TKH Group NV Stnd Option        | 15-3-2019   | 56,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2600     |      | 0            | 0             | 44 22-10-2018      |
| O                | TKG                       | TKH Group NV Stnd Option        | 15-3-2019   | 56,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,4600    |      | 11           | 0             | 43 22-10-2018      |
| O                | TKG                       | TKH Group NV Stnd Option        | 15-3-2019   | 58,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1700     |      | 0            | 0             | 7 22-10-2018       |
| O                | TKG                       | TKH Group NV Stnd Option        | 15-3-2019   | 58,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,3700    |      | 13           | 0             | 20 22-10-2018      |
| O                | TKG                       | TKH Group NV Stnd Option        | 15-3-2019   | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     |      | 0            | 0             | 11 22-10-2018      |
| O                | TKG                       | TKH Group NV Stnd Option        | 15-3-2019   | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,2900    |      | 15           | 0             | 74 22-10-2018      |
| O                | TKG                       | TKH Group NV Stnd Option        | 15-3-2019   | 70,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 112 22-10-2018     |
| O                | TKG                       | TKH Group NV Stnd Option        | 15-3-2019   | 70,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 25,2200    |      | 25           | 0             | 0 22-10-2018       |
| O                | TKG                       | TKH Group NV Stnd Option        | 15-3-2019   | 80,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0 22-10-2018       |
| O                | TKG                       | TKH Group NV Stnd Option        | 15-3-2019   | 80,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 35,2300    |      | 35           | 0             | 0 22-10-2018       |
| O                | TKG                       | TKH Group NV Stnd Option        | 15-3-2019   | 90,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0 22-10-2018       |
| O                | TKG                       | TKH Group NV Stnd Option        | 15-3-2019   | 90,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 45,2400    |      | 45           | 0             | 0 22-10-2018       |
| O                | TKG                       | TKH Group NV Stnd Option        | 21-6-2019   | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,0300    |      | 15           | 0             | 0 22-10-2018       |
| O                | TKG                       | TKH Group NV Stnd Option        | 21-6-2019   | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3500     |      | 0            | 0             | 0 22-10-2018       |
| O                | TKG                       | TKH Group NV Stnd Option        | 21-6-2019   | 35,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,3800    |      | 10           | 0             | 0 22-10-2018       |
| O                | TKG                       | TKH Group NV Stnd Option        | 21-6-2019   | 35,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8500     |      | 1            | 0             | 13 22-10-2018      |
| O                | TKG                       | TKH Group NV Stnd Option        | 21-6-2019   | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,2900     |      | 6            | 0             | 26 22-10-2018      |
| O                | TKG                       | TKH Group NV Stnd Option        | 21-6-2019   | 40,0000        | P                 | EUR               | 2,0500 | 2,1000 | 2,0500 | 2           | 2,1000 | 2,0000     |      | 2            | 19            | 73 22-10-2018      |
| O                | TKG                       | TKH Group NV Stnd Option        | 21-6-2019   | 42,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,9500     |      | 5            | 0             | 0 22-10-2018       |
| O                | TKG                       | TKH Group NV Stnd Option        | 21-6-2019   | 42,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7600     |      | 3            | 0             | 2 22-10-2018       |
| O                | TKG                       | TKH Group NV Stnd Option        | 21-6-2019   | 44,0000        | C                 | EUR               | 3,7500 | 3,7500 | 3,7500 | 1           | 3,7500 | 3,7900     |      | 4            | 3             | 4 22-10-2018       |
| O                | TKG                       | TKH Group NV Stnd Option        | 21-6-2019   | 44,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,7000     |      | 4            | 0             | 20 22-10-2018      |
| O                | TKG                       | TKH Group NV Stnd Option        | 21-6-2019   | 45,0000        | C                 | EUR               | 3,2500 | 3,2500 | 3,2500 | 1           | 3,2500 | 3,2900     |      | 3            | 5             | 42 22-10-2018      |
| O                | TKG                       | TKH Group NV Stnd Option        | 21-6-2019   | 45,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,2400     |      | 4            | 0             | 30 22-10-2018      |
| O                | TKG                       | TKH Group NV Stnd Option        | 21-6-2019   | 46,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8200     |      | 3            | 0             | 1 22-10-2018       |
| O                | TKG                       | TKH Group NV Stnd Option        | 21-6-2019   | 46,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,8200     |      | 5            | 0             | 21 22-10-2018      |
| O                | TKG                       | TKH Group NV Stnd Option        | 21-6-2019   | 48,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0300     |      | 2            | 0             | 17 22-10-2018      |
| O                | TKG                       | TKH Group NV Stnd Option        | 21-6-2019   | 48,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,1000     |      | 6            | 0             | 55 22-10-2018      |
| O                | TKG                       | TKH Group NV Stnd Option        | 21-6-2019   | 50,0000        | C                 | EUR               | 1,4000 | 1,4000 | 1,4000 | 1           | 1,4000 | 1,4400     |      | 1            | 1             | 39 22-10-2018      |
| O                | TKG                       | TKH Group NV Stnd Option        | 21-6-2019   | 50,0000        | P                 | EUR               | 7,5000 | 7,5000 | 7,5000 | 1           | 7,5000 | 7,5700     |      | 8            | 1             | 69 22-10-2018      |
| O                | TKG                       | TKH Group NV Stnd Option        | 21-6-2019   | 52,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0100     |      | 1            | 0             | 24 22-10-2018      |
| O                | TKG                       | TKH Group NV Stnd Option        | 21-6-2019   | 52,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,1700     |      | 9            | 0             | 38 22-10-2018      |
| O                | TKG                       | TKH Group NV Stnd Option        | 21-6-2019   | 55,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5900     |      | 1            | 0             | 24 22-10-2018      |
| O                | TKG                       | TKH Group NV Stnd Option        | 21-6-2019   | 55,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,8000    |      | 12           | 0             | 3 22-10-2018       |
| O                | TKG                       | TKH Group NV Stnd Option        | 21-6-2019   | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2400     |      | 0            | 0             | 45 22-10-2018      |
| O                | TKG                       | TKH Group NV Stnd Option        | 21-6-2019   | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,4900    |      | 16           | 0             | 22 22-10-2018      |
| O                | TKG                       | TKH Group NV Stnd Option        | 21-6-2019   | 70,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     |      | 0            | 0             | 0 22-10-2018       |
| O                | TKG                       | TKH Group NV Stnd Option        | 21-6-2019   | 70,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 26,3200    |      | 26           | 0             | 0 22-10-2018       |
| O                | TKQ                       | Deutsche Telekom - Stock Option | 16-11-2018  | 11,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5700     |      | 4            | 0             | 0 22-10-2018       |
| O                | TKQ                       | Deutsche Telekom - Stock Option | 16-11-2018  | 11,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0 22-10-2018       |
| O                | TKQ                       | Deutsche Telekom - Stock Option | 16-11-2018  | 12,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5700     |      | 3            | 0             | 0 22-10-2018       |
| O                | TKQ                       | Deutsche Telekom - Stock Option | 16-11-2018  | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0 22-10-2018       |
| O                | TKQ                       | Deutsche Telekom - Stock Option | 16-11-2018  | 12,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0700     |      | 2            | 0             | 0 22-10-2018       |
| O                | TKQ                       | Deutsche Telekom - Stock Option | 16-11-2018  | 12,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0 22-10-2018       |
| O                | TKQ                       | Deutsche Telekom - Stock Option | 16-11-2018  | 13,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5800     |      | 2            | 0             | 0 22-10-2018       |
| O                | TKQ                       | Deutsche Telekom - Stock Option | 16-11-2018  | 13,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 250 22-10-2018     |
| O                | TKQ                       | Deutsche Telekom - Stock Option | 16-11-2018  | 13,2000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3800     |      | 1            | 0             | 0 22-10-2018       |
| O                | TKQ                       | Deutsche Telekom - Stock Option | 16-11-2018  | 13,2000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 0             | 0 22-10-2018       |
| O                | TKQ                       | Deutsche Telekom - Stock Option | 16-11-2018  | 13,4000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2000     |      | 1            | 0             | 0 22-10-2018       |
| O                | TKQ                       | Deutsche Telekom - Stock Option | 16-11-2018  | 13,4000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     |      | 0            | 0             | 0 22-10-2018       |
| O                | TKQ                       | Deutsche Telekom - Stock Option | 16-11-2018  | 13,6000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0200     |      | 1            | 0             | 0 22-10-2018       |
| O                | TKQ                       | Deutsche Telekom - Stock Option | 16-11-2018  | 13,6000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     |      | 0            | 0             | 0 22-10-2018       |
| O                | TKQ                       | Deutsche Telekom - Stock Option | 16-11-2018  | 13,8000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8500     |      | 1            | 0             | 0 22-10-2018       |
| O                | TKQ                       | Deutsche Telekom - Stock Option | 16-11-2018  | 13,8000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     |      | 0            | 0             | 0 22-10-2018       |
| O                | TKQ                       | Deutsche Telekom - Stock Option | 16-11-2018  | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6800     |      | 1            | 0             | 750 22-10-2018     |
| O                | TKQ                       | Deutsche Telekom - Stock Option | 16-11-2018  | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     |      | 0            | 0             | 0 22-10-2018       |
| O                | TKQ                       | Deutsche Telekom - Stock Option | 16-11-2018  | 14,2000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5100     |      | 1            | 0             | 0 22-10-2018       |
| O                | TKQ                       | Deutsche Telekom - Stock Option | 16-11-2018  | 14,2000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1500     |      | 0            | 0             | 0 22-10-2018       |
| O                | TKQ                       | Deutsche Telekom - Stock Option | 16-11-2018  | 14,4000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3800     |      | 0            | 0             | 0 22-10-2018       |
| O                | TKQ                       | Deutsche Telekom - Stock Option | 16-11-2018  | 14,4000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2200     |      | 0            | 0             | 250 22-10-2018     |
| O                | TKQ                       | Deutsche Telekom - Stock Option | 16-11-2018  | 14,6000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2800     |      | 0            | 0             | 0 22-10-2018       |
| O                | TKQ                       | Deutsche Telekom - Stock Option | 16-11-2018  | 14,6000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3200     |      | 0            | 0             | 0 22-10-2018       |
| O                | TKQ                       | Deutsche Telekom - Stock Option | 16-11-2018  | 14,8000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1900     |      | 0            | 0             | 0 22-10-2018       |
| O                | TKQ                       | Deutsche Telekom - Stock Option | 16-11-2018  | 14,8000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4300     |      | 0            | 0             | 0 22-10-2018       |
| O                | TKQ                       | Deutsche Telekom - Stock Option | 16-11-2018  | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     |      | 0            | 0             | 0 22-10-2018       |
| O                | TKQ                       | Deutsche Telekom - Stock Option | 16-11-2018  | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5700     |      | 1            | 0             | 0 22-10-2018       |
| O                | TKQ                       | Deutsche Telekom - Stock Option |             |                |                   |                   |        |        |        |             |        |            |      |              |               |                    |



Euronext Amsterdam N.V. – Beursplein 5, Amsterdam – Tel: +31 (0) 20 721 4444



Euronext Amsterdam N.V. – Beursplein 5, Amsterdam – Tel: +31 (0) 20 721 4444



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| Instrument Type* | Instrument Trading Symbol | Instrument Name             | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|-----------------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | TKW                       | Takeaway.com - Stock Option | 16-11-2018  | 44,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,6400    |      | 14           | 0             | 22-10-2018         |
| O                | TKW                       | Takeaway.com - Stock Option | 16-11-2018  | 44,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     |      | 0            | 0             | 22-10-2018         |
| O                | TKW                       | Takeaway.com - Stock Option | 16-11-2018  | 46,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,6800    |      | 12           | 0             | 22-10-2018         |
| O                | TKW                       | Takeaway.com - Stock Option | 16-11-2018  | 46,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     |      | 0            | 4             | 22-10-2018         |
| O                | TKW                       | Takeaway.com - Stock Option | 16-11-2018  | 48,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,8000     |      | 10           | 0             | 22-10-2018         |
| O                | TKW                       | Takeaway.com - Stock Option | 16-11-2018  | 48,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2100     |      | 0            | 0             | 22-10-2018         |
| O                | TKW                       | Takeaway.com - Stock Option | 16-11-2018  | 49,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,8400     |      | 9            | 0             | 22-10-2018         |
| O                | TKW                       | Takeaway.com - Stock Option | 16-11-2018  | 49,0000        | P                 | EUR               | 0,4000 | 0,4000 | 0,4000 | 1           | 0,4000 | 0,2500     |      | 0            | 1             | 22-10-2018         |
| O                | TKW                       | Takeaway.com - Stock Option | 16-11-2018  | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,9000     |      | 8            | 0             | 22-10-2018         |
| O                | TKW                       | Takeaway.com - Stock Option | 16-11-2018  | 50,0000        | P                 | EUR               | 0,4500 | 0,4500 | 0,4500 | 1           | 0,4500 | 0,3100     |      | 7            | 1             | 22-10-2018         |
| O                | TKW                       | Takeaway.com - Stock Option | 16-11-2018  | 51,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,9500     |      | 0            | 1             | 22-10-2018         |
| O                | TKW                       | Takeaway.com - Stock Option | 16-11-2018  | 51,0000        | P                 | EUR               | 0,4400 | 0,4500 | 0,4200 | 4           | 0,4200 | 0,3600     |      | 4            | 16            | 22-10-2018         |
| O                | TKW                       | Takeaway.com - Stock Option | 16-11-2018  | 52,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,1600     |      | 0            | 3             | 22-10-2018         |
| O                | TKW                       | Takeaway.com - Stock Option | 16-11-2018  | 52,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5700     |      | 1            | 0             | 9 22-10-2018       |
| O                | TKW                       | Takeaway.com - Stock Option | 16-11-2018  | 53,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,4000     |      | 5            | 0             | 22-10-2018         |
| O                | TKW                       | Takeaway.com - Stock Option | 16-11-2018  | 53,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8100     |      | 1            | 0             | 4 22-10-2018       |
| O                | TKW                       | Takeaway.com - Stock Option | 16-11-2018  | 54,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,5800     |      | 5            | 0             | 6 22-10-2018       |
| O                | TKW                       | Takeaway.com - Stock Option | 16-11-2018  | 54,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0000     |      | 1            | 0             | 1 22-10-2018       |
| O                | TKW                       | Takeaway.com - Stock Option | 16-11-2018  | 55,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8400     |      | 4            | 0             | 3 22-10-2018       |
| O                | TKW                       | Takeaway.com - Stock Option | 16-11-2018  | 55,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2500     |      | 1            | 0             | 6 22-10-2018       |
| O                | TKW                       | Takeaway.com - Stock Option | 16-11-2018  | 56,0000        | C                 | EUR               | 2,8000 | 2,8000 | 2,8000 | 1           | 2,8000 | 3,2400     |      | 3            | 10            | 34 22-10-2018      |
| O                | TKW                       | Takeaway.com - Stock Option | 16-11-2018  | 56,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6500     |      | 2            | 0             | 27 22-10-2018      |
| O                | TKW                       | Takeaway.com - Stock Option | 16-11-2018  | 57,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6700     |      | 3            | 0             | 2 22-10-2018       |
| O                | TKW                       | Takeaway.com - Stock Option | 16-11-2018  | 57,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0900     |      | 2            | 0             | 0 22-10-2018       |
| O                | TKW                       | Takeaway.com - Stock Option | 16-11-2018  | 58,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1400     |      | 2            | 0             | 1 22-10-2018       |
| O                | TKW                       | Takeaway.com - Stock Option | 16-11-2018  | 58,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5600     |      | 3            | 0             | 6 22-10-2018       |
| O                | TKW                       | Takeaway.com - Stock Option | 16-11-2018  | 59,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6800     |      | 2            | 0             | 1 22-10-2018       |
| O                | TKW                       | Takeaway.com - Stock Option | 16-11-2018  | 59,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0900     |      | 3            | 0             | 11 22-10-2018      |
| O                | TKW                       | Takeaway.com - Stock Option | 16-11-2018  | 60,0000        | C                 | EUR               | 1,1500 | 1,1500 | 1,1500 | 1           | 1,1500 | 1,3800     |      | 1            | 1             | 27 22-10-2018      |
| O                | TKW                       | Takeaway.com - Stock Option | 16-11-2018  | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,7900     |      | 4            | 0             | 105 22-10-2018     |
| O                | TKW                       | Takeaway.com - Stock Option | 16-11-2018  | 62,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8200     |      | 1            | 0             | 7 22-10-2018       |
| O                | TKW                       | Takeaway.com - Stock Option | 16-11-2018  | 62,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,2400     |      | 5            | 0             | 13 22-10-2018      |
| O                | TKW                       | Takeaway.com - Stock Option | 16-11-2018  | 64,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4800     |      | 0            | 0             | 14 22-10-2018      |
| O                | TKW                       | Takeaway.com - Stock Option | 16-11-2018  | 64,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,9000     |      | 7            | 0             | 18 22-10-2018      |
| O                | TKW                       | Takeaway.com - Stock Option | 16-11-2018  | 66,0000        | C                 | EUR               | 0,2600 | 0,2600 | 0,2200 | 2           | 0,2200 | 0,2900     |      | 0            | 2             | 21 22-10-2018      |
| O                | TKW                       | Takeaway.com - Stock Option | 16-11-2018  | 66,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,7100     |      | 9            | 0             | 6 22-10-2018       |
| O                | TKW                       | Takeaway.com - Stock Option | 16-11-2018  | 68,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1900     |      | 0            | 5             | 22-10-2018         |
| O                | TKW                       | Takeaway.com - Stock Option | 16-11-2018  | 68,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,6000    |      | 11           | 0             | 1 22-10-2018       |
| O                | TKW                       | Takeaway.com - Stock Option | 16-11-2018  | 70,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     |      | 0            | 0             | 100 22-10-2018     |
| O                | TKW                       | Takeaway.com - Stock Option | 16-11-2018  | 70,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,5400    |      | 13           | 0             | 1 22-10-2018       |
| O                | TKW                       | Takeaway.com - Stock Option | 16-11-2018  | 72,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     |      | 0            | 0             | 31 22-10-2018      |
| O                | TKW                       | Takeaway.com - Stock Option | 16-11-2018  | 72,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,5000    |      | 15           | 0             | 0 22-10-2018       |
| O                | TKW                       | Takeaway.com - Stock Option | 16-11-2018  | 76,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     |      | 0            | 0             | 50 22-10-2018      |
| O                | TKW                       | Takeaway.com - Stock Option | 16-11-2018  | 76,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,4700    |      | 18           | 0             | 5 22-10-2018       |
| O                | TKW                       | Takeaway.com - Stock Option | 16-11-2018  | 80,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     |      | 0            | 0             | 20 22-10-2018      |
| O                | TKW                       | Takeaway.com - Stock Option | 16-11-2018  | 80,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,4500    |      | 22           | 0             | 0 22-10-2018       |
| O                | TKW                       | Takeaway.com - Stock Option | 16-11-2018  | 84,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 0             | 0 22-10-2018       |
| O                | TKW                       | Takeaway.com - Stock Option | 16-11-2018  | 84,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 26,4400    |      | 26           | 0             | 0 22-10-2018       |
| O                | TKW                       | Takeaway.com - Stock Option | 21-12-2018  | 44,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,8600    |      | 14           | 0             | 0 22-10-2018       |
| O                | TKW                       | Takeaway.com - Stock Option | 21-12-2018  | 44,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2800     |      | 0            | 0             | 0 22-10-2018       |
| O                | TKW                       | Takeaway.com - Stock Option | 21-12-2018  | 46,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,9800    |      | 12           | 0             | 1 22-10-2018       |
| O                | TKW                       | Takeaway.com - Stock Option | 21-12-2018  | 46,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4100     |      | 0            | 0             | 0 22-10-2018       |
| O                | TKW                       | Takeaway.com - Stock Option | 21-12-2018  | 48,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,2000    |      | 10           | 0             | 0 22-10-2018       |
| O                | TKW                       | Takeaway.com - Stock Option | 21-12-2018  | 48,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6200     |      | 1            | 0             | 1 22-10-2018       |
| O                | TKW                       | Takeaway.com - Stock Option | 21-12-2018  | 49,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,3200     |      | 9            | 0             | 0 22-10-2018       |
| O                | TKW                       | Takeaway.com - Stock Option | 21-12-2018  | 49,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7500     |      | 1            | 0             | 0 22-10-2018       |
| O                | TKW                       | Takeaway.com - Stock Option | 21-12-2018  | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,4800     |      | 8            | 0             | 40 22-10-2018      |
| O                | TKW                       | Takeaway.com - Stock Option | 21-12-2018  | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9100     |      | 1            | 0             | 28 22-10-2018      |
| O                | TKW                       | Takeaway.com - Stock Option | 21-12-2018  | 51,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,6800     |      | 8            | 0             | 0 22-10-2018       |
| O                | TKW                       | Takeaway.com - Stock Option | 21-12-2018  | 51,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1100     |      | 1            | 0             | 0 22-10-2018       |
| O                | TKW                       | Takeaway.com - Stock Option | 21-12-2018  | 52,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,9200     |      | 7            | 0             | 20 22-10-2018      |
| O                | TKW                       | Takeaway.com - Stock Option | 21-12-2018  | 52,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3500     |      | 1            | 0             | 2 22-10-2018       |
| O                | TKW                       | Takeaway.com - Stock Option | 21-12-2018  | 53,0000        | C                 | EUR               | 5,8000 | 5,8000 | 5,8000 | 2           | 5,8000 | 6,1900     |      | 2            | 2             | 22-10-2018         |
| O                | TKW                       | Takeaway.com - Stock Option | 21-12-2018  | 53,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6200     |      | 2            | 0             | 0 22-10-2018       |
| O                | TKW                       | Takeaway.com - Stock Option | 21-12-2018  | 54,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,5200     |      | 6            | 0             | 3 22-10-2018       |
| O                | TKW                       | Takeaway.com - Stock Option | 21-12-2018  | 54,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9600     |      | 2            | 0             | 23 22-10-2018      |
| O                | TKW                       | Takeaway.com - Stock Option | 21-12-2018  | 55,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,9200     |      | 5            | 0             | 1 22-10-2018       |
| O                | TKW                       | Takeaway.com - Stock Option | 21-12-2018  | 55,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3600     |      | 2            | 0             | 1 22-10-2018       |
| O                | TKW                       | Takeaway.com - Stock Option | 21-12-2018  | 56,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,3300     |      | 4            | 0             | 2 22-10-2018       |
| O                | TKW                       | Takeaway.com - Stock Option | 21-12-2018  | 56,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7600     |      | 3            | 0             | 3 22-10-2018       |
| O                | TKW                       | Takeaway.com - Stock Option | 21-12-2018  | 57,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8000     |      | 4            | 0             | 5 22-10-2018       |
| O                | TKW                       | Takeaway.com - Stock Option | 21-12-2018  | 57,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2400     |      | 3            | 0             | 4 22-10-2018       |
| O                | TKW                       | Takeaway.com - Stock Option | 21-12-2018  | 58,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2500     |      | 3            | 0             | 1 22-10-2018       |
| O                | TKW                       | Takeaway.com - Stock Option | 21-12-2018  | 58,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,6800     |      | 4            | 0             | 1 22-10-2018       |
| O                | TKW                       | Takeaway.com - Stock Option | 21-12-2018  | 59,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8200     |      | 3            | 0             | 1 22-10-2018       |
| O                | TKW                       | Takeaway.com - Stock Option | 21-12-2018  | 59,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,2600     |      | 4            | 0             | 1 22-10-2018       |
| O                | TKW                       | Takeaway.com - Stock Option | 21-12-2018  | 60,0000        | C                 | EUR               | 0,0000 | 0,0    |        |             |        |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name                     | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|-------------------------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | TKW                       | Takeaway.com - Stock Option         | 21-12-2018  | 68,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,0700    |      | 11           | 0             | 8 22-10-2018       |
| O                | TKW                       | Takeaway.com - Stock Option         | 21-12-2018  | 72,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3000     |      | 0            | 0             | 0 22-10-2018       |
| O                | TKW                       | Takeaway.com - Stock Option         | 21-12-2018  | 72,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,7500    |      | 15           | 0             | 0 22-10-2018       |
| O                | TKW                       | Takeaway.com - Stock Option         | 21-12-2018  | 76,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     |      | 0            | 0             | 0 22-10-2018       |
| O                | TKW                       | Takeaway.com - Stock Option         | 21-12-2018  | 76,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,5800    |      | 19           | 0             | 0 22-10-2018       |
| O                | TKW                       | Takeaway.com - Stock Option         | 18-1-2019   | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,0300     |      | 9            | 0             | 0 22-10-2018       |
| O                | TKW                       | Takeaway.com - Stock Option         | 18-1-2019   | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4800     |      | 1            | 0             | 0 22-10-2018       |
| O                | TKW                       | Takeaway.com - Stock Option         | 18-1-2019   | 52,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,6000     |      | 8            | 0             | 0 22-10-2018       |
| O                | TKW                       | Takeaway.com - Stock Option         | 18-1-2019   | 52,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0500     |      | 2            | 0             | 0 22-10-2018       |
| O                | TKW                       | Takeaway.com - Stock Option         | 18-1-2019   | 54,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,2800     |      | 6            | 0             | 0 22-10-2018       |
| O                | TKW                       | Takeaway.com - Stock Option         | 18-1-2019   | 54,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7300     |      | 3            | 0             | 0 22-10-2018       |
| O                | TKW                       | Takeaway.com - Stock Option         | 18-1-2019   | 55,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,6500     |      | 6            | 0             | 0 22-10-2018       |
| O                | TKW                       | Takeaway.com - Stock Option         | 18-1-2019   | 55,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1000     |      | 3            | 0             | 0 22-10-2018       |
| O                | TKW                       | Takeaway.com - Stock Option         | 18-1-2019   | 56,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,0800     |      | 5            | 0             | 0 22-10-2018       |
| O                | TKW                       | Takeaway.com - Stock Option         | 18-1-2019   | 56,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5300     |      | 4            | 0             | 0 22-10-2018       |
| O                | TKW                       | Takeaway.com - Stock Option         | 18-1-2019   | 57,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,5100     |      | 5            | 0             | 0 22-10-2018       |
| O                | TKW                       | Takeaway.com - Stock Option         | 18-1-2019   | 57,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9700     |      | 4            | 0             | 0 22-10-2018       |
| O                | TKW                       | Takeaway.com - Stock Option         | 18-1-2019   | 58,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9900     |      | 4            | 0             | 0 22-10-2018       |
| O                | TKW                       | Takeaway.com - Stock Option         | 18-1-2019   | 58,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,4400     |      | 4            | 0             | 0 22-10-2018       |
| O                | TKW                       | Takeaway.com - Stock Option         | 18-1-2019   | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0700     |      | 3            | 0             | 0 22-10-2018       |
| O                | TKW                       | Takeaway.com - Stock Option         | 18-1-2019   | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,5300     |      | 6            | 0             | 0 22-10-2018       |
| O                | TKW                       | Takeaway.com - Stock Option         | 18-1-2019   | 64,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8100     |      | 2            | 0             | 0 22-10-2018       |
| O                | TKW                       | Takeaway.com - Stock Option         | 18-1-2019   | 64,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,2700     |      | 8            | 0             | 0 22-10-2018       |
| O                | TKW                       | Takeaway.com - Stock Option         | 18-1-2019   | 68,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0800     |      | 1            | 0             | 0 22-10-2018       |
| O                | TKW                       | Takeaway.com - Stock Option         | 18-1-2019   | 68,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,5400    |      | 12           | 0             | 0 22-10-2018       |
| F                | TQ6                       | Telenor - Stock Future              | 16-11-2018  | 0,0000         |                   | NOK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 152,4103   |      | 152          | 0             | 0 22-10-2018       |
| F                | TQ6                       | Telenor - Stock Future              | 21-12-2018  | 0,0000         |                   | NOK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 152,6013   |      | 153          | 0             | 0 22-10-2018       |
| F                | TQ6                       | Telenor - Stock Future              | 18-1-2019   | 0,0000         |                   | NOK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 152,8006   |      | 153          | 0             | 0 22-10-2018       |
| F                | TQ6                       | Telenor - Stock Future              | 15-3-2019   | 0,0000         |                   | NOK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 153,1602   |      | 153          | 0             | 0 22-10-2018       |
| F                | TQ6                       | Telenor - Stock Future              | 21-6-2019   | 0,0000         |                   | NOK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 149,5268   |      | 150          | 0             | 0 22-10-2018       |
| F                | TQ6                       | Telenor - Stock Future              | 20-9-2019   | 0,0000         |                   | NOK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 150,1629   |      | 150          | 0             | 0 22-10-2018       |
| F                | TQ8                       | Telenor - Dividend Future           | 21-12-2018  | 0,0000         |                   | NOK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,9875     |      | 8            | 0             | 0 22-10-2018       |
| F                | TQ8                       | Telenor - Dividend Future           | 20-12-2019  | 0,0000         |                   | NOK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,3500     |      | 8            | 0             | 0 22-10-2018       |
| F                | TQ8                       | Telenor - Dividend Future           | 18-12-2020  | 0,0000         |                   | NOK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,7200     |      | 9            | 0             | 0 22-10-2018       |
| F                | TQ8                       | Telenor - Dividend Future           | 17-12-2021  | 0,0000         |                   | NOK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,9000     |      | 9            | 0             | 0 22-10-2018       |
| F                | TQ8                       | Telenor - Dividend Future           | 16-12-2022  | 0,0000         |                   | NOK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,9000     |      | 9            | 0             | 0 22-10-2018       |
| F                | TR6                       | Tecnicas Reunidas SA - Stock Future | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,8937    |      | 23           | 0             | 0 22-10-2018       |
| F                | TR6                       | Tecnicas Reunidas SA - Stock Future | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,8849    |      | 23           | 0             | 0 22-10-2018       |
| F                | TR6                       | Tecnicas Reunidas SA - Stock Future | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,2109    |      | 22           | 0             | 0 22-10-2018       |
| F                | TR6                       | Tecnicas Reunidas SA - Stock Future | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,2036    |      | 22           | 0             | 0 22-10-2018       |
| F                | TR6                       | Tecnicas Reunidas SA - Stock Future | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,1839    |      | 22           | 0             | 0 22-10-2018       |
| F                | TR6                       | Tecnicas Reunidas SA - Stock Future | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,9028    |      | 22           | 0             | 0 22-10-2018       |
| F                | TS6                       | Tenaris SA - Stock Future           | 15-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,6864    |      | 14           | 0             | 0 22-10-2018       |
| F                | TS6                       | Tenaris SA - Stock Future           | 20-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,5712    |      | 14           | 0             | 0 22-10-2018       |
| F                | TS6                       | Tenaris SA - Stock Future           | 17-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,5670    |      | 14           | 0             | 0 22-10-2018       |
| F                | TS6                       | Tenaris SA - Stock Future           | 14-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,5624    |      | 14           | 0             | 0 22-10-2018       |
| F                | TS6                       | Tenaris SA - Stock Future           | 20-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,3205    |      | 13           | 0             | 0 22-10-2018       |
| F                | TS6                       | Tenaris SA - Stock Future           | 19-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,3095    |      | 13           | 0             | 0 22-10-2018       |
| O                | TTM                       | Tom Tom Individual Equity Option    | 16-11-2018  | 4,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9000     |      | 2            | 0             | 0 22-10-2018       |
| O                | TTM                       | Tom Tom Individual Equity Option    | 16-11-2018  | 4,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 13            | 22-10-2018         |
| O                | TTM                       | Tom Tom Individual Equity Option    | 16-11-2018  | 5,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7000     |      | 2            | 0             | 161 22-10-2018     |
| O                | TTM                       | Tom Tom Individual Equity Option    | 16-11-2018  | 5,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 110 22-10-2018     |
| O                | TTM                       | Tom Tom Individual Equity Option    | 16-11-2018  | 5,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5100     |      | 2            | 0             | 25 22-10-2018      |
| O                | TTM                       | Tom Tom Individual Equity Option    | 16-11-2018  | 5,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 292 22-10-2018     |
| O                | TTM                       | Tom Tom Individual Equity Option    | 16-11-2018  | 5,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3200     |      | 1            | 0             | 126 22-10-2018     |
| O                | TTM                       | Tom Tom Individual Equity Option    | 16-11-2018  | 5,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 0             | 33 22-10-2018      |
| O                | TTM                       | Tom Tom Individual Equity Option    | 16-11-2018  | 5,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1400     |      | 1            | 0             | 2 22-10-2018       |
| O                | TTM                       | Tom Tom Individual Equity Option    | 16-11-2018  | 5,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     |      | 0            | 0             | 360 22-10-2018     |
| O                | TTM                       | Tom Tom Individual Equity Option    | 16-11-2018  | 5,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9600     |      | 1            | 0             | 46 22-10-2018      |
| O                | TTM                       | Tom Tom Individual Equity Option    | 16-11-2018  | 5,8000         | P                 | EUR               | 0,0600 | 0,0600 | 0,0600 | 1           | 0,0600 | 0,0600     |      | 0            | 2             | 321 22-10-2018     |
| O                | TTM                       | Tom Tom Individual Equity Option    | 16-11-2018  | 6,0000         | C                 | EUR               | 0,7500 | 0,7500 | 0,7500 | 1           | 0,7500 | 0,7900     |      | 1            | 5             | 105 22-10-2018     |
| O                | TTM                       | Tom Tom Individual Equity Option    | 16-11-2018  | 6,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     |      | 0            | 0             | 354 22-10-2018     |
| O                | TTM                       | Tom Tom Individual Equity Option    | 16-11-2018  | 6,2000         | C                 | EUR               | 0,7000 | 0,7000 | 0,6000 | 2           | 0,6000 | 0,6300     |      | 1            | 13            | 745 22-10-2018     |
| O                | TTM                       | Tom Tom Individual Equity Option    | 16-11-2018  | 6,2000         | P                 | EUR               | 0,1200 | 0,1200 | 0,1200 | 1           | 0,1200 | 0,1300     |      | 0            | 1             | 209 22-10-2018     |
| O                | TTM                       | Tom Tom Individual Equity Option    | 16-11-2018  | 6,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4900     |      | 0            | 0             | 150 22-10-2018     |
| O                | TTM                       | Tom Tom Individual Equity Option    | 16-11-2018  | 6,4000         | P                 | EUR               | 0,1800 | 0,1800 | 0,1800 | 1           | 0,1800 | 0,1900     |      | 0            | 2             | 394 22-10-2018     |
| O                | TTM                       | Tom Tom Individual Equity Option    | 16-11-2018  | 6,6000         | C                 | EUR               | 0,3500 | 0,3500 | 0,3500 | 1           | 0,3500 | 0,3700     |      | 0            | 5             | 98 22-10-2018      |
| O                | TTM                       | Tom Tom Individual Equity Option    | 16-11-2018  | 6,6000         | P                 | EUR               | 0,2500 | 0,2600 | 0,2500 | 2           | 0,2600 | 0,2700     |      | 0            | 5             | 35 22-10-2018      |
| O                | TTM                       | Tom Tom Individual Equity Option    | 16-11-2018  | 6,8000         | C                 | EUR               | 0,3500 | 0,3700 | 0,2700 | 7           | 0,2800 | 0,2700     |      | 0            | 27            | 322 22-10-2018     |
| O                | TTM                       | Tom Tom Individual Equity Option    | 16-11-2018  | 6,8000         | P                 | EUR               | 0,3600 | 0,3600 | 0,3600 | 1           | 0,3600 | 0,3700     |      | 0            | 1             | 116 22-10-2018     |
| O                | TTM                       | Tom Tom Individual Equity Option    | 16-11-2018  | 7,0000         | C                 | EUR               | 0,2600 | 0,2600 | 0,1900 | 7           | 0,2000 | 0,1900     |      | 0            | 65            | 368 22-10-2018     |
| O                | TTM                       | Tom Tom Individual Equity Option    | 16-11-2018  | 7,0000         | P                 | EUR               | 0,5000 | 0,5000 | 0,5000 | 1           | 0,5000 | 0,5000     |      | 1            | 1             | 223 22-10-2018     |
| O                | TTM                       | Tom Tom Individual Equity Option    | 16-11-2018  | 7,2000         | C                 | EUR               | 0,1800 | 0,1800 | 0,1300 | 5           | 0,1500 | 0,1400     |      | 0            | 35            | 495 22-10-2018     |
| O                | TTM                       | Tom Tom Individual Equity Option    | 16-11-2018  | 7,2000         | P                 | EUR               | 0,6500 | 0,6500 | 0,6500 | 1           | 0,6500 | 0,6400     |      | 1            | 1             | 271 22-10-2018     |
| O                | TTM                       | Tom Tom Individual Equity Option    | 16-11-2018  | 7,4000         | C                 | EUR               | 0,1300 | 0,1400 | 0,1000 | 7           | 0,1000 | 0,1000     |      | 0            | 51            | 386 22-10-2018     |
| O                | TTM                       | Tom Tom Individual Equity Option    | 16-11-2018  | 7,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8100     |      | 1            | 0             | 275 22-10-2018     |
| O                | TTM                       | Tom Tom Individual Equity Option    | 16-11-2018  | 7,6000         | C                 | EUR               | 0,0800 | 0,0800 | 0,0800 | 1           |        |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name                  | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|----------------------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | TTM                       | Tom Tom Individual Equity Option | 16-11-2018  | 8,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7400     |      | 2            | 0             | 73 22-10-2018      |
| O                | TTM                       | Tom Tom Individual Equity Option | 16-11-2018  | 8,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 0             | 113 22-10-2018     |
| O                | TTM                       | Tom Tom Individual Equity Option | 16-11-2018  | 8,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9300     |      | 2            | 0             | 45 22-10-2018      |
| O                | TTM                       | Tom Tom Individual Equity Option | 16-11-2018  | 8,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 0             | 120 22-10-2018     |
| O                | TTM                       | Tom Tom Individual Equity Option | 16-11-2018  | 8,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1200     |      | 2            | 0             | 52 22-10-2018      |
| O                | TTM                       | Tom Tom Individual Equity Option | 16-11-2018  | 9,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 111 22-10-2018     |
| O                | TTM                       | Tom Tom Individual Equity Option | 16-11-2018  | 9,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3100     |      | 2            | 0             | 35 22-10-2018      |
| O                | TTM                       | Tom Tom Individual Equity Option | 16-11-2018  | 9,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 35 22-10-2018      |
| O                | TTM                       | Tom Tom Individual Equity Option | 16-11-2018  | 9,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5100     |      | 3            | 0             | 0 22-10-2018       |
| O                | TTM                       | Tom Tom Individual Equity Option | 16-11-2018  | 9,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 2 22-10-2018       |
| O                | TTM                       | Tom Tom Individual Equity Option | 16-11-2018  | 9,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9100     |      | 3            | 0             | 37 22-10-2018      |
| O                | TTM                       | Tom Tom Individual Equity Option | 16-11-2018  | 10,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 42 22-10-2018      |
| O                | TTM                       | Tom Tom Individual Equity Option | 16-11-2018  | 10,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3000     |      | 3            | 0             | 7 22-10-2018       |
| O                | TTM                       | Tom Tom Individual Equity Option | 16-11-2018  | 11,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0 22-10-2018       |
| O                | TTM                       | Tom Tom Individual Equity Option | 16-11-2018  | 11,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,3000     |      | 4            | 0             | 4 22-10-2018       |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-12-2018  | 4,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7100     |      | 3            | 0             | 102 22-10-2018     |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-12-2018  | 4,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 23 22-10-2018      |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-12-2018  | 4,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2200     |      | 2            | 0             | 45 22-10-2018      |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-12-2018  | 4,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     |      | 0            | 0             | 216 22-10-2018     |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-12-2018  | 5,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7500     |      | 2            | 0             | 152 22-10-2018     |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-12-2018  | 5,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     |      | 0            | 0             | 1729 22-10-2018    |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-12-2018  | 5,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5700     |      | 2            | 0             | 120 22-10-2018     |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-12-2018  | 5,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     |      | 0            | 0             | 21 22-10-2018      |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-12-2018  | 5,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3000     |      | 1            | 0             | 91 22-10-2018      |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-12-2018  | 5,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     |      | 0            | 0             | 125 22-10-2018     |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-12-2018  | 5,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0600     |      | 1            | 0             | 35 22-10-2018      |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-12-2018  | 5,8000         | P                 | EUR               | 0,1500 | 0,1500 | 0,1500 | 2           | 0,1500 | 0,1600     |      | 0            | 134           | 231 22-10-2018     |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-12-2018  | 6,0000         | C                 | EUR               | 0,8600 | 0,9000 | 0,8600 | 3           | 0,9000 | 0,9000     |      | 1            | 28            | 1582 22-10-2018    |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-12-2018  | 6,0000         | P                 | EUR               | 0,2200 | 0,2200 | 0,2000 | 5           | 0,2000 | 0,2100     |      | 0            | 145           | 6023 22-10-2018    |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-12-2018  | 6,2000         | C                 | EUR               | 0,7500 | 0,7500 | 0,7500 | 3           | 0,7500 | 0,7700     |      | 1            | 50            | 270 22-10-2018     |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-12-2018  | 6,2000         | P                 | EUR               | 0,2600 | 0,2600 | 0,2600 | 1           | 0,2600 | 0,2700     |      | 0            | 1             | 72 22-10-2018      |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-12-2018  | 6,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6400     |      | 1            | 0             | 2112 22-10-2018    |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-12-2018  | 6,4000         | P                 | EUR               | 0,3400 | 0,3400 | 0,3000 | 4           | 0,3000 | 0,3500     |      | 0            | 73            | 144 22-10-2018     |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-12-2018  | 6,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5800     |      | 1            | 0             | 914 22-10-2018     |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-12-2018  | 6,5000         | P                 | EUR               | 0,3500 | 0,3500 | 0,3500 | 1           | 0,3500 | 0,3900     |      | 0            | 2             | 1306 22-10-2018    |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-12-2018  | 6,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5300     |      | 1            | 0             | 193 22-10-2018     |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-12-2018  | 6,6000         | P                 | EUR               | 0,4300 | 0,4300 | 0,3900 | 0           | 0,3900 | 0,4400     |      | 0            | 23            | 162 22-10-2018     |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-12-2018  | 6,8000         | C                 | EUR               | 0,5000 | 0,5000 | 0,5000 | 2           | 0,5000 | 0,4400     |      | 0            | 2             | 103 22-10-2018     |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-12-2018  | 6,8000         | P                 | EUR               | 0,4900 | 0,4900 | 0,4800 | 5           | 0,4800 | 0,5500     |      | 1            | 153           | 313 22-10-2018     |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-12-2018  | 7,0000         | C                 | EUR               | 0,4100 | 0,4200 | 0,3500 | 16          | 0,3600 | 0,3600     |      | 0            | 508           | 2260 22-10-2018    |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-12-2018  | 7,0000         | P                 | EUR               | 0,6500 | 0,7000 | 0,6500 | 2           | 0,7000 | 0,6700     |      | 1            | 23            | 3675 22-10-2018    |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-12-2018  | 7,2000         | C                 | EUR               | 0,3800 | 0,3800 | 0,3000 | 5           | 0,3000 | 0,3000     |      | 0            | 15            | 1798 22-10-2018    |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-12-2018  | 7,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8100     |      | 1            | 0             | 1646 22-10-2018    |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-12-2018  | 7,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2500     |      | 0            | 0             | 126 22-10-2018     |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-12-2018  | 7,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9500     |      | 1            | 0             | 115 22-10-2018     |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-12-2018  | 7,5000         | C                 | EUR               | 0,2700 | 0,2700 | 0,2200 | 2           | 0,2200 | 0,2200     |      | 0            | 10            | 1321 22-10-2018    |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-12-2018  | 7,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0300     |      | 1            | 0             | 1155 22-10-2018    |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-12-2018  | 7,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2000     |      | 0            | 0             | 574 22-10-2018     |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-12-2018  | 7,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1100     |      | 1            | 0             | 37 22-10-2018      |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-12-2018  | 7,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1700     |      | 0            | 0             | 181 22-10-2018     |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-12-2018  | 7,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2700     |      | 1            | 0             | 43 22-10-2018      |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-12-2018  | 8,0000         | C                 | EUR               | 0,1700 | 0,1700 | 0,1400 | 2           | 0,1400 | 0,1400     |      | 0            | 28            | 2833 22-10-2018    |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-12-2018  | 8,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4400     |      | 1            | 0             | 4469 22-10-2018    |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-12-2018  | 8,5000         | C                 | EUR               | 0,1100 | 0,1100 | 0,1100 | 3           | 0,1100 | 0,1000     |      | 0            | 100           | 3710 22-10-2018    |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-12-2018  | 8,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9100     |      | 2            | 0             | 3802 22-10-2018    |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-12-2018  | 8,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     |      | 0            | 0             | 0 22-10-2018       |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-12-2018  | 8,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1900     |      | 2            | 0             | 4 22-10-2018       |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-12-2018  | 9,0000         | C                 | EUR               | 0,0700 | 0,0700 | 0,0700 | 1           | 0,0700 | 0,0700     |      | 0            | 15            | 4953 22-10-2018    |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-12-2018  | 9,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3800     |      | 2            | 0             | 3595 22-10-2018    |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-12-2018  | 9,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     |      | 0            | 0             | 26 22-10-2018      |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-12-2018  | 9,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5700     |      | 3            | 0             | 0 22-10-2018       |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-12-2018  | 9,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     |      | 0            | 0             | 2257 22-10-2018    |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-12-2018  | 9,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8600     |      | 3            | 0             | 576 22-10-2018     |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-12-2018  | 10,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     |      | 0            | 0             | 7889 22-10-2018    |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-12-2018  | 10,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3500     |      | 3            | 0             | 2757 22-10-2018    |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-12-2018  | 11,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     |      | 0            | 0             | 1192 22-10-2018    |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-12-2018  | 11,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,3400     |      | 4            | 0             | 197 22-10-2018     |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-12-2018  | 12,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 1538 22-10-2018    |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-12-2018  | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,3200     |      | 5            | 0             | 514 22-10-2018     |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-12-2018  | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 2211 22-10-2018    |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-12-2018  | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,3100     |      | 7            | 0             | 85 22-10-2018      |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-12-2018  | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 3983 22-10-2018    |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-12-2018  | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,3100     |      | 8            | 0             | 1119 22-10-2018    |
| O                | TTM                       | Tom Tom Individual Equity Option | 18-1-2019   | 5,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2700     |      | 1            | 0             | 0 22-10-2018       |
| O                | TTM                       | Tom Tom Individual Equity Option | 18-1-2019   | 5,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1800     |      | 0            | 0             | 0 22-10-2018       |
| O                | TTM                       | Tom Tom Individual Equity Option | 18-1-2019   | 6,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9800     |      | 1            | 0             | 0 22-10-2018       |
| O                | TTM                       | Tom Tom Individual Equity Option | 18-1-2019   | 6,0000         | P                 | EUR               | 0,     |        |        |             |        |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name                  | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|----------------------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | TTM                       | Tom Tom Individual Equity Option | 18-1-2019   | 7,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3900     | 0    | 0            | 0             | 22-10-2018         |
| O                | TTM                       | Tom Tom Individual Equity Option | 18-1-2019   | 7,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9000     | 1    | 0            | 0             | 22-10-2018         |
| O                | TTM                       | Tom Tom Individual Equity Option | 18-1-2019   | 7,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2800     | 0    | 0            | 0             | 22-10-2018         |
| O                | TTM                       | Tom Tom Individual Equity Option | 18-1-2019   | 7,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1900     | 1    | 0            | 0             | 22-10-2018         |
| O                | TTM                       | Tom Tom Individual Equity Option | 18-1-2019   | 8,0000         | C                 | EUR               | 0,2000 | 0,2100 | 0,1900 | 4           | 0,2100 | 0,2100     | 0    | 121          | 80            | 22-10-2018         |
| O                | TTM                       | Tom Tom Individual Equity Option | 18-1-2019   | 8,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5200     | 2    | 0            | 0             | 22-10-2018         |
| O                | TTM                       | Tom Tom Individual Equity Option | 15-3-2019   | 4,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7400     | 3    | 0            | 20            | 22-10-2018         |
| O                | TTM                       | Tom Tom Individual Equity Option | 15-3-2019   | 4,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 120           | 22-10-2018         |
| O                | TTM                       | Tom Tom Individual Equity Option | 15-3-2019   | 4,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2900     | 2    | 0            | 396           | 22-10-2018         |
| O                | TTM                       | Tom Tom Individual Equity Option | 15-3-2019   | 4,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     | 0    | 0            | 228           | 22-10-2018         |
| O                | TTM                       | Tom Tom Individual Equity Option | 15-3-2019   | 5,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8500     | 2    | 0            | 183           | 22-10-2018         |
| O                | TTM                       | Tom Tom Individual Equity Option | 15-3-2019   | 5,0000         | P                 | EUR               | 0,1500 | 0,1500 | 0,1500 | 1           | 0,1500 | 0,1500     | 0    | 24           | 219           | 22-10-2018         |
| O                | TTM                       | Tom Tom Individual Equity Option | 15-3-2019   | 5,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4700     | 1    | 0            | 133           | 22-10-2018         |
| O                | TTM                       | Tom Tom Individual Equity Option | 15-3-2019   | 5,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2800     | 0    | 0            | 236           | 22-10-2018         |
| O                | TTM                       | Tom Tom Individual Equity Option | 15-3-2019   | 6,0000         | C                 | EUR               | 1,1000 | 1,1500 | 1,1000 | 2           | 1,1500 | 1,1300     | 1    | 10           | 880           | 22-10-2018         |
| O                | TTM                       | Tom Tom Individual Equity Option | 15-3-2019   | 6,0000         | P                 | EUR               | 0,4400 | 0,4400 | 0,4400 | 1           | 0,4400 | 0,4400     | 0    | 5            | 375           | 22-10-2018         |
| O                | TTM                       | Tom Tom Individual Equity Option | 15-3-2019   | 6,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8700     | 1    | 0            | 1559          | 22-10-2018         |
| O                | TTM                       | Tom Tom Individual Equity Option | 15-3-2019   | 6,5000         | P                 | EUR               | 0,6500 | 0,6500 | 0,6500 | 1           | 0,6500 | 0,6800     | 1    | 50           | 529           | 22-10-2018         |
| O                | TTM                       | Tom Tom Individual Equity Option | 15-3-2019   | 7,0000         | C                 | EUR               | 0,7000 | 0,7000 | 0,6500 | 3           | 0,6500 | 0,6400     | 1    | 14           | 975           | 22-10-2018         |
| O                | TTM                       | Tom Tom Individual Equity Option | 15-3-2019   | 7,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9500     | 1    | 0            | 1349          | 22-10-2018         |
| O                | TTM                       | Tom Tom Individual Equity Option | 15-3-2019   | 7,5000         | C                 | EUR               | 0,4600 | 0,4600 | 0,4600 | 1           | 0,4600 | 0,4700     | 0    | 25           | 714           | 22-10-2018         |
| O                | TTM                       | Tom Tom Individual Equity Option | 15-3-2019   | 7,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2800     | 1    | 0            | 1192          | 22-10-2018         |
| O                | TTM                       | Tom Tom Individual Equity Option | 15-3-2019   | 8,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3700     | 0    | 0            | 1152          | 22-10-2018         |
| O                | TTM                       | Tom Tom Individual Equity Option | 15-3-2019   | 8,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6800     | 2    | 0            | 855           | 22-10-2018         |
| O                | TTM                       | Tom Tom Individual Equity Option | 15-3-2019   | 8,5000         | C                 | EUR               | 0,3200 | 0,3200 | 0,2900 | 2           | 0,2900 | 0,2700     | 0    | 64           | 949           | 22-10-2018         |
| O                | TTM                       | Tom Tom Individual Equity Option | 15-3-2019   | 8,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0900     | 2    | 0            | 1415          | 22-10-2018         |
| O                | TTM                       | Tom Tom Individual Equity Option | 15-3-2019   | 9,0000         | C                 | EUR               | 0,2500 | 0,2500 | 0,2400 | 6           | 0,2400 | 0,2100     | 0    | 143          | 2037          | 22-10-2018         |
| O                | TTM                       | Tom Tom Individual Equity Option | 15-3-2019   | 9,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5200     | 3    | 0            | 1357          | 22-10-2018         |
| O                | TTM                       | Tom Tom Individual Equity Option | 15-3-2019   | 9,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1600     | 0    | 0            | 218           | 22-10-2018         |
| O                | TTM                       | Tom Tom Individual Equity Option | 15-3-2019   | 9,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9800     | 3    | 0            | 175           | 22-10-2018         |
| O                | TTM                       | Tom Tom Individual Equity Option | 15-3-2019   | 10,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     | 0    | 0            | 2196          | 22-10-2018         |
| O                | TTM                       | Tom Tom Individual Equity Option | 15-3-2019   | 10,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4500     | 3    | 0            | 333           | 22-10-2018         |
| O                | TTM                       | Tom Tom Individual Equity Option | 15-3-2019   | 12,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 0            | 1601          | 22-10-2018         |
| O                | TTM                       | Tom Tom Individual Equity Option | 15-3-2019   | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,3800     | 5    | 0            | 515           | 22-10-2018         |
| O                | TTM                       | Tom Tom Individual Equity Option | 15-3-2019   | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     | 0    | 0            | 663           | 22-10-2018         |
| O                | TTM                       | Tom Tom Individual Equity Option | 15-3-2019   | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,3600     | 7    | 0            | 135           | 22-10-2018         |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-6-2019   | 4,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7900     | 3    | 0            | 109           | 22-10-2018         |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-6-2019   | 4,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1000     | 0    | 0            | 1             | 22-10-2018         |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-6-2019   | 4,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3600     | 2    | 0            | 96            | 22-10-2018         |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-6-2019   | 4,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1700     | 0    | 0            | 121           | 22-10-2018         |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-6-2019   | 5,0000         | C                 | EUR               | 1,9500 | 1,9500 | 1,9500 | 1           | 1,9500 | 1,9700     | 2    | 3            | 762           | 22-10-2018         |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-6-2019   | 5,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2800     | 0    | 0            | 105           | 22-10-2018         |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-6-2019   | 5,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6100     | 2    | 0            | 160           | 22-10-2018         |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-6-2019   | 5,5000         | P                 | EUR               | 0,4300 | 0,4300 | 0,4100 | 4           | 0,4200 | 0,4300     | 0    | 61           | 100           | 22-10-2018         |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-6-2019   | 6,0000         | C                 | EUR               | 1,4000 | 1,4000 | 1,4000 | 1           | 1,4000 | 1,3100     | 1    | 5            | 2215          | 22-10-2018         |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-6-2019   | 6,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6300     | 1    | 0            | 509           | 22-10-2018         |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-6-2019   | 6,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0400     | 1    | 0            | 291           | 22-10-2018         |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-6-2019   | 6,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8500     | 1    | 0            | 502           | 22-10-2018         |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-6-2019   | 7,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8300     | 1    | 0            | 1412          | 22-10-2018         |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-6-2019   | 7,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1500     | 1    | 0            | 760           | 22-10-2018         |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-6-2019   | 7,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6700     | 1    | 0            | 253           | 22-10-2018         |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-6-2019   | 7,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4900     | 1    | 0            | 198           | 22-10-2018         |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-6-2019   | 8,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5400     | 1    | 0            | 1511          | 22-10-2018         |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-6-2019   | 8,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8600     | 2    | 0            | 674           | 22-10-2018         |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-6-2019   | 8,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4400     | 0    | 0            | 178           | 22-10-2018         |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-6-2019   | 8,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2500     | 2    | 0            | 199           | 22-10-2018         |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-6-2019   | 9,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3600     | 0    | 0            | 1774          | 22-10-2018         |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-6-2019   | 9,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6800     | 3    | 0            | 886           | 22-10-2018         |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-6-2019   | 9,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2900     | 0    | 0            | 29            | 22-10-2018         |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-6-2019   | 9,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1100     | 3    | 0            | 117           | 22-10-2018         |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-6-2019   | 10,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2400     | 0    | 0            | 2286          | 22-10-2018         |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-6-2019   | 10,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5600     | 4    | 0            | 1564          | 22-10-2018         |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-6-2019   | 12,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     | 0    | 0            | 1763          | 22-10-2018         |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-6-2019   | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,4400     | 5    | 0            | 1054          | 22-10-2018         |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-6-2019   | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 0            | 137           | 22-10-2018         |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-6-2019   | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,3900     | 7    | 0            | 117           | 22-10-2018         |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-6-2019   | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 1097          | 22-10-2018         |
| O                | TTM                       | Tom Tom Individual Equity Option | 21-6-2019   | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,3800     | 8    | 0            | 772           | 22-10-2018         |
| O                | TTM                       | Tom Tom Individual Equity Option | 20-9-2019   | 4,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8300     | 3    | 0            | 5             | 22-10-2018         |
| O                | TTM                       | Tom Tom Individual Equity Option | 20-9-2019   | 4,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1400     | 0    | 0            | 0             | 22-10-2018         |
| O                | TTM                       | Tom Tom Individual Equity Option | 20-9-2019   | 4,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4200     | 2    | 0            | 0             | 22-10-2018         |
| O                | TTM                       | Tom Tom Individual Equity Option | 20-9-2019   | 4,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2400     | 0    | 0            | 0             | 22-10-2018         |
| O                | TTM                       | Tom Tom Individual Equity Option | 20-9-2019   | 5,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0500     | 2    | 0            | 0             | 22-10-2018         |
| O                | TTM                       | Tom Tom Individual Equity Option | 20-9-2019   | 5,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3700     | 0    | 0            | 6             | 22-10-2018         |
| O                | TTM                       | Tom Tom Individual Equity Option | 20-9-2019   | 5,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7100     | 2    | 0            | 10            | 22-10-2018         |
| O                | TTM                       | Tom Tom Individual Equity Option | 20-9-2019   | 5,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5300     | 1    | 0            | 32            | 22-10-2018         |
| O                | TTM                       | Tom Tom Individual Equity Option | 20-9-2019   | 6,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4300     | 1    | 0            | 0             | 22-10-201          |



| Instrument Type* | Instrument Trading Symbol | Instrument Name                  | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|----------------------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | TTM                       | Tom Tom Individual Equity Option | 20-9-2019   | 8,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9700     |      | 2            | 0             | 50 22-10-2018      |
| O                | TTM                       | Tom Tom Individual Equity Option | 20-9-2019   | 8,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5500     |      | 1            | 0             | 0 22-10-2018       |
| O                | TTM                       | Tom Tom Individual Equity Option | 20-9-2019   | 8,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3700     |      | 2            | 0             | 0 22-10-2018       |
| O                | TTM                       | Tom Tom Individual Equity Option | 20-9-2019   | 9,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4500     |      | 0            | 0             | 1 22-10-2018       |
| O                | TTM                       | Tom Tom Individual Equity Option | 20-9-2019   | 9,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7800     |      | 3            | 0             | 6 22-10-2018       |
| O                | TTM                       | Tom Tom Individual Equity Option | 20-9-2019   | 10,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3100     |      | 0            | 0             | 163 22-10-2018     |
| O                | TTM                       | Tom Tom Individual Equity Option | 20-9-2019   | 10,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,6400     |      | 4            | 0             | 190 22-10-2018     |
| O                | TTM                       | Tom Tom Individual Equity Option | 20-9-2019   | 12,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1600     |      | 0            | 0             | 111 22-10-2018     |
| O                | TTM                       | Tom Tom Individual Equity Option | 20-9-2019   | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,5000     |      | 6            | 0             | 0 22-10-2018       |
| O                | TTM                       | Tom Tom Individual Equity Option | 20-12-2019  | 4,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8800     |      | 3            | 0             | 59 22-10-2018      |
| O                | TTM                       | Tom Tom Individual Equity Option | 20-12-2019  | 4,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2000     |      | 0            | 0             | 0 22-10-2018       |
| O                | TTM                       | Tom Tom Individual Equity Option | 20-12-2019  | 5,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1300     |      | 2            | 0             | 886 22-10-2018     |
| O                | TTM                       | Tom Tom Individual Equity Option | 20-12-2019  | 5,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4500     |      | 0            | 0             | 174 22-10-2018     |
| O                | TTM                       | Tom Tom Individual Equity Option | 20-12-2019  | 6,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5300     |      | 2            | 0             | 1346 22-10-2018    |
| O                | TTM                       | Tom Tom Individual Equity Option | 20-12-2019  | 6,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8500     |      | 1            | 0             | 254 22-10-2018     |
| O                | TTM                       | Tom Tom Individual Equity Option | 20-12-2019  | 7,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0900     |      | 1            | 0             | 1060 22-10-2018    |
| O                | TTM                       | Tom Tom Individual Equity Option | 20-12-2019  | 7,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4200     |      | 1            | 0             | 1276 22-10-2018    |
| O                | TTM                       | Tom Tom Individual Equity Option | 20-12-2019  | 8,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7700     |      | 1            | 0             | 1309 22-10-2018    |
| O                | TTM                       | Tom Tom Individual Equity Option | 20-12-2019  | 8,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1000     |      | 2            | 0             | 990 22-10-2018     |
| O                | TTM                       | Tom Tom Individual Equity Option | 20-12-2019  | 9,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5500     |      | 1            | 0             | 1198 22-10-2018    |
| O                | TTM                       | Tom Tom Individual Equity Option | 20-12-2019  | 9,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8800     |      | 3            | 0             | 893 22-10-2018     |
| O                | TTM                       | Tom Tom Individual Equity Option | 20-12-2019  | 10,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4000     |      | 0            | 0             | 2283 22-10-2018    |
| O                | TTM                       | Tom Tom Individual Equity Option | 20-12-2019  | 10,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,7400     |      | 4            | 0             | 632 22-10-2018     |
| O                | TTM                       | Tom Tom Individual Equity Option | 20-12-2019  | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1000     |      | 0            | 0             | 468 22-10-2018     |
| O                | TTM                       | Tom Tom Individual Equity Option | 20-12-2019  | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,4600     |      | 8            | 0             | 435 22-10-2018     |
| O                | TTM                       | Tom Tom Individual Equity Option | 19-6-2020   | 4,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9400     |      | 3            | 0             | 831 22-10-2018     |
| O                | TTM                       | Tom Tom Individual Equity Option | 19-6-2020   | 4,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2600     |      | 0            | 0             | 0 22-10-2018       |
| O                | TTM                       | Tom Tom Individual Equity Option | 19-6-2020   | 5,0000         | C                 | EUR               | 2,3500 | 2,3500 | 2,3500 | 2           | 2,3500 | 2,2500     |      | 2            | 80            | 834 22-10-2018     |
| O                | TTM                       | Tom Tom Individual Equity Option | 19-6-2020   | 5,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5800     |      | 1            | 0             | 57 22-10-2018      |
| O                | TTM                       | Tom Tom Individual Equity Option | 19-6-2020   | 6,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6800     |      | 2            | 0             | 988 22-10-2018     |
| O                | TTM                       | Tom Tom Individual Equity Option | 19-6-2020   | 6,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0000     |      | 1            | 0             | 1287 22-10-2018    |
| O                | TTM                       | Tom Tom Individual Equity Option | 19-6-2020   | 7,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2400     |      | 1            | 0             | 359 22-10-2018     |
| O                | TTM                       | Tom Tom Individual Equity Option | 19-6-2020   | 7,0000         | P                 | EUR               | 1,6000 | 1,6000 | 1,6000 | 4           | 1,6000 | 1,5700     |      | 2            | 9             | 250 22-10-2018     |
| O                | TTM                       | Tom Tom Individual Equity Option | 19-6-2020   | 8,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9300     |      | 1            | 0             | 439 22-10-2018     |
| O                | TTM                       | Tom Tom Individual Equity Option | 19-6-2020   | 8,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2600     |      | 2            | 0             | 493 22-10-2018     |
| O                | TTM                       | Tom Tom Individual Equity Option | 19-6-2020   | 9,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7000     |      | 1            | 0             | 304 22-10-2018     |
| O                | TTM                       | Tom Tom Individual Equity Option | 19-6-2020   | 9,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0400     |      | 3            | 0             | 129 22-10-2018     |
| O                | TTM                       | Tom Tom Individual Equity Option | 19-6-2020   | 10,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5400     |      | 1            | 0             | 530 22-10-2018     |
| O                | TTM                       | Tom Tom Individual Equity Option | 19-6-2020   | 10,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8800     |      | 4            | 0             | 136 22-10-2018     |
| O                | TTM                       | Tom Tom Individual Equity Option | 19-6-2020   | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1600     |      | 0            | 0             | 420 22-10-2018     |
| O                | TTM                       | Tom Tom Individual Equity Option | 19-6-2020   | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,5300     |      | 9            | 0             | 272 22-10-2018     |
| F                | TU6                       | Tullow Oil - Stock Future        | 16-11-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 227,8000   |      | 228          | 0             | 0 22-10-2018       |
| F                | TU6                       | Tullow Oil - Stock Future        | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 227,9400   |      | 228          | 0             | 0 22-10-2018       |
| F                | TU6                       | Tullow Oil - Stock Future        | 18-1-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 228,0600   |      | 228          | 0             | 0 22-10-2018       |
| F                | TU6                       | Tullow Oil - Stock Future        | 15-3-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 228,3100   |      | 228          | 0             | 0 22-10-2018       |
| F                | TU6                       | Tullow Oil - Stock Future        | 21-6-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 228,8200   |      | 229          | 0             | 0 22-10-2018       |
| F                | TU6                       | Tullow Oil - Stock Future        | 20-9-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 227,8100   |      | 228          | 0             | 0 22-10-2018       |
| F                | TV6                       | Tele2 B - Stock Future           | 16-11-2018  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 109,1202   |      | 109          | 0             | 0 22-10-2018       |
| F                | TV6                       | Tele2 B - Stock Future           | 21-12-2018  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 109,0826   |      | 109          | 0             | 0 22-10-2018       |
| F                | TV6                       | Tele2 B - Stock Future           | 18-1-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 109,0557   |      | 109          | 0             | 0 22-10-2018       |
| F                | TV6                       | Tele2 B - Stock Future           | 15-3-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 108,9991   |      | 109          | 0             | 0 22-10-2018       |
| F                | TV6                       | Tele2 B - Stock Future           | 21-6-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 104,6173   |      | 105          | 0             | 0 22-10-2018       |
| F                | TV6                       | Tele2 B - Stock Future           | 20-9-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 104,5728   |      | 105          | 0             | 0 22-10-2018       |
| F                | TV8                       | Tele2 B - Dividend               | 21-12-2018  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,0000     |      | 4            | 0             | 0 22-10-2018       |
| F                | TV8                       | Tele2 B - Dividend               | 20-12-2019  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,2500     |      | 4            | 0             | 52 22-10-2018      |
| F                | TV8                       | Tele2 B - Dividend               | 18-12-2020  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,4000     |      | 4            | 0             | 52 22-10-2018      |
| F                | TV8                       | Tele2 B - Dividend               | 17-12-2021  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,0000     |      | 6            | 0             | 0 22-10-2018       |
| F                | TV8                       | Tele2 B - Dividend               | 16-12-2022  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,0000     |      | 6            | 0             | 0 22-10-2018       |
| F                | TW6                       | Tesco - Stock Future             | 16-11-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 213,0900   |      | 213          | 0             | 0 22-10-2018       |
| F                | TW6                       | Tesco - Stock Future             | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 213,2200   |      | 213          | 0             | 0 22-10-2018       |
| F                | TW6                       | Tesco - Stock Future             | 18-1-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 213,3300   |      | 213          | 0             | 0 22-10-2018       |
| F                | TW6                       | Tesco - Stock Future             | 15-3-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 213,5700   |      | 214          | 0             | 0 22-10-2018       |
| F                | TW6                       | Tesco - Stock Future             | 21-6-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 211,3300   |      | 211          | 0             | 0 22-10-2018       |
| F                | TW6                       | Tesco - Stock Future             | 20-9-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 211,8000   |      | 212          | 0             | 0 22-10-2018       |
| F                | TX6                       | Terna SpA - Stock Future         | 15-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,5528     |      | 5            | 0             | 0 22-10-2018       |
| F                | TX6                       | Terna SpA - Stock Future         | 20-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,4641     |      | 4            | 0             | 0 22-10-2018       |
| F                | TX6                       | Terna SpA - Stock Future         | 17-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,4627     |      | 4            | 0             | 0 22-10-2018       |
| F                | TX6                       | Terna SpA - Stock Future         | 14-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,4612     |      | 4            | 0             | 0 22-10-2018       |
| F                | TX6                       | Terna SpA - Stock Future         | 20-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,4573     |      | 4            | 0             | 0 22-10-2018       |
| F                | TX6                       | Terna SpA - Stock Future         | 19-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,3017     |      | 4            | 0             | 0 22-10-2018       |
| F                | TX8                       | Terna - Dividend Future          | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2144     |      | 0            | 0             | 0 22-10-2018       |
| F                | TX8                       | Terna - Dividend Future          | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2209     |      | 0            | 0             | 0 22-10-2018       |
| F                | TX8                       | Terna - Dividend Future          | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2276     |      | 0            | 0             | 0 22-10-2018       |
| F                | TX8                       | Terna - Dividend Future          | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2276     |      | 0            | 0             | 0 22-10-2018       |
| F                | TX8                       | Terna - Dividend Future          | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2276     |      | 0            | 0             | 0 22-10-2018       |
| F                | TV6                       | Tryg - Stock Future              | 16-11-2018  | 0,0000         |                   | DKK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 157,2531   |      | 157          | 0             | 0 22-10-2018       |
| F                | TV6                       | Tryg - Stock Future              | 21-12-2018  | 0,0000         |                   | DKK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 157,1974   | </   |              |               |                    |



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| Instrument Type* | Instrument Trading Symbol | Instrument Name                          | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open    | High    | Low     | Trade Count | Close   | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|--|-------------|----------------|-------------------|-------------------|---------|---------|---------|-------------|---------|------------|------|--------------|---------------|--------------------|
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 16-11-2018  | 162,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,9700     |      | 3            | 0             | 62 22-10-2018      |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 16-11-2018  | 162,0000       | P                 | EUR               | 4,2000  | 4,2000  | 4,2000  | 1           | 4,2000  | 5,2700     |      | 5            | 3             | 19 22-10-2018      |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 16-11-2018  | 164,0000       | C                 | EUR               | 3,3700  | 3,3700  | 2,6000  | 6           | 2,6000  | 2,1900     |      | 2            | 9             | 31 22-10-2018      |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 16-11-2018  | 164,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,5100     |      | 7            | 0             | 42 22-10-2018      |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 16-11-2018  | 166,0000       | C                 | EUR               | 2,3000  | 2,3500  | 1,7000  | 4           | 1,7000  | 1,6000     |      | 2            | 6             | 49 22-10-2018      |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 16-11-2018  | 166,0000       | P                 | EUR               | 6,3500  | 6,3500  | 6,3500  | 1           | 6,3500  | 7,8900     |      | 8            | 10            | 53 22-10-2018      |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 16-11-2018  | 168,0000       | C                 | EUR               | 1,3300  | 1,3300  | 1,1000  | 4           | 1,1000  | 1,1500     |      | 1            | 8             | 23 22-10-2018      |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 16-11-2018  | 168,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 9,4700     |      | 9            | 0             | 44 22-10-2018      |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 16-11-2018  | 170,0000       | C                 | EUR               | 0,9500  | 0,9500  | 0,8600  | 4           | 0,8800  | 0,8300     |      | 1            | 5             | 379 22-10-2018     |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 16-11-2018  | 170,0000       | P                 | EUR               | 9,8500  | 10,8500 | 9,8500  | 2           | 10,8500 | 11,1300    |      | 11           | 2             | 78 22-10-2018      |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 16-11-2018  | 172,0000       | C                 | EUR               | 0,7700  | 0,7700  | 0,7200  | 3           | 0,7200  | 0,6600     |      | 1            | 3             | 26 22-10-2018      |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 16-11-2018  | 172,0000       | P                 | EUR               | 12,0500 | 13,1000 | 12,0500 | 6           | 13,1000 | 12,9000    |      | 13           | 6             | 63 22-10-2018      |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 16-11-2018  | 174,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,4200     |      | 0            | 0             | 33 22-10-2018      |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 16-11-2018  | 174,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 14,7500    |      | 15           | 0             | 348 22-10-2018     |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 16-11-2018  | 176,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3100     |      | 0            | 0             | 71 22-10-2018      |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 16-11-2018  | 176,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 16,6400    |      | 17           | 0             | 46 22-10-2018      |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 16-11-2018  | 178,0000       | C                 | EUR               | 0,2600  | 0,2600  | 0,2600  | 1           | 0,2600  | 0,2300     |      | 0            | 1             | 16 22-10-2018      |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 16-11-2018  | 178,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 18,5700    |      | 19           | 0             | 17 22-10-2018      |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 16-11-2018  | 180,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1800     |      | 0            | 0             | 103 22-10-2018     |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 16-11-2018  | 180,0000       | P                 | EUR               | 18,5500 | 20,9000 | 18,5500 | 4           | 20,9000 | 20,5200    |      | 21           | 6             | 75 22-10-2018      |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 16-11-2018  | 182,0000       | C                 | EUR               | 0,1600  | 0,1600  | 0,1600  | 1           | 0,1600  | 0,1300     |      | 0            | 1             | 284 22-10-2018     |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 16-11-2018  | 182,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 22,4800    |      | 22           | 0             | 35 22-10-2018      |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 16-11-2018  | 184,0000       | C                 | EUR               | 0,1300  | 0,1300  | 0,1300  | 1           | 0,1300  | 0,1200     |      | 0            | 10            | 66 22-10-2018      |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 16-11-2018  | 184,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 24,4300    |      | 24           | 0             | 18 22-10-2018      |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 16-11-2018  | 186,0000       | C                 | EUR               | 0,1000  | 0,1000  | 0,1000  | 1           | 0,1000  | 0,0900     |      | 0            | 5             | 128 22-10-2018     |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 16-11-2018  | 186,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 26,4100    |      | 26           | 0             | 13 22-10-2018      |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 16-11-2018  | 188,0000       | C                 | EUR               | 0,1000  | 0,1000  | 0,1000  | 1           | 0,1000  | 0,0600     |      | 0            | 1             | 57 22-10-2018      |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 16-11-2018  | 188,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 28,3900    |      | 28           | 0             | 40 22-10-2018      |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 16-11-2018  | 190,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0400     |      | 0            | 0             | 51 22-10-2018      |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 16-11-2018  | 190,0000       | P                 | EUR               | 30,1500 | 30,1500 | 30,1500 | 1           | 30,1500 | 30,3900    |      | 30           | 2             | 29 22-10-2018      |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 16-11-2018  | 192,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0200     |      | 0            | 0             | 3 22-10-2018       |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 16-11-2018  | 192,0000       | P                 | EUR               | 31,4000 | 31,4000 | 31,4000 | 1           | 31,4000 | 32,3900    |      | 32           | 5             | 40 22-10-2018      |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 16-11-2018  | 200,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 43 22-10-2018      |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 16-11-2018  | 200,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 40,3700    |      | 40           | 0             | 4 22-10-2018       |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 16-11-2018  | 210,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 0 22-10-2018       |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 16-11-2018  | 210,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 50,3700    |      | 50           | 0             | 4 22-10-2018       |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 16-11-2018  | 220,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 0 22-10-2018       |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 16-11-2018  | 220,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 60,3700    |      | 60           | 0             | 9 22-10-2018       |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-12-2018  | 110,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 49,8100    |      | 50           | 0             | 0 22-10-2018       |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-12-2018  | 110,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0400     |      | 0            | 0             | 0 22-10-2018       |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-12-2018  | 120,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 39,8600    |      | 40           | 0             | 0 22-10-2018       |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-12-2018  | 120,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1400     |      | 0            | 0             | 136 22-10-2018     |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-12-2018  | 130,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 30,0500    |      | 30           | 0             | 0 22-10-2018       |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-12-2018  | 130,0000       | P                 | EUR               | 0,3400  | 0,3400  | 0,3400  | 1           | 0,3400  | 0,3300     |      | 0            | 1             | 11 22-10-2018      |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-12-2018  | 140,0000       | C                 | EUR               | 21,0000 | 21,0000 | 21,0000 | 1           | 21,0000 | 20,6000    |      | 21           | 5             | 16 22-10-2018      |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-12-2018  | 140,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,9000     |      | 1            | 0             | 2259 22-10-2018    |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-12-2018  | 150,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,0900    |      | 12           | 0             | 2 22-10-2018       |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-12-2018  | 150,0000       | P                 | EUR               | 1,9600  | 2,3800  | 1,8900  | 9           | 2,3800  | 2,4200     |      | 2            | 38            | 86 22-10-2018      |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-12-2018  | 152,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,5700    |      | 11           | 0             | 1 22-10-2018       |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-12-2018  | 152,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,9100     |      | 3            | 0             | 1 22-10-2018       |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-12-2018  | 154,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 9,1800     |      | 9            | 0             | 0 22-10-2018       |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-12-2018  | 154,0000       | P                 | EUR               | 3,6000  | 3,6000  | 3,6000  | 1           | 3,6000  | 3,5200     |      | 4            | 1             | 13 22-10-2018      |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-12-2018  | 156,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,8500     |      | 8            | 0             | 0 22-10-2018       |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-12-2018  | 156,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,1900     |      | 4            | 0             | 11 22-10-2018      |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-12-2018  | 158,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,6600     |      | 7            | 0             | 1 22-10-2018       |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-12-2018  | 158,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,0000     |      | 5            | 0             | 18 22-10-2018      |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-12-2018  | 160,0000       | C                 | EUR               | 5,6500  | 5,7500  | 5,4000  | 5           | 5,4000  | 5,6000     |      | 6            | 7             | 50 22-10-2018      |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-12-2018  | 160,0000       | P                 | EUR               | 5,2500  | 5,6000  | 5,2500  | 7           | 5,6000  | 5,9200     |      | 6            | 31            | 1561 22-10-2018    |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-12-2018  | 162,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,6100     |      | 5            | 0             | 6 22-10-2018       |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-12-2018  | 162,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,9500     |      | 7            | 0             | 10 22-10-2018      |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-12-2018  | 164,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,7700     |      | 4            | 0             | 252 22-10-2018     |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-12-2018  | 164,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,1100     |      | 8            | 0             | 35 22-10-2018      |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-12-2018  | 166,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,0300     |      | 3            | 0             | 18 22-10-2018      |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-12-2018  | 166,0000       | P                 | EUR               | 8,5500  | 8,5500  | 8,5500  | 1           | 8,5500  | 9,3700     |      | 9            | 1             | 36 22-10-2018      |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-12-2018  | 168,0000       | C                 | EUR               | 3,1500  | 3,1500  | 3,1500  | 1           | 3,1500  | 2,4300     |      | 2            | 1             | 284 22-10-2018     |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-12-2018  | 168,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,7900    |      | 11           | 0             | 18 22-10-2018      |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-12-2018  | 170,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,9300     |      | 2            | 0             | 49 22-10-2018      |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-12-2018  | 170,0000       | P                 | EUR               | 10,6500 | 11,2500 | 10,6500 | 2           | 11,2500 | 12,2700    |      | 12           | 5             | 641 22-10-2018     |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-12-2018  | 172,0000       | C                 | EUR               | 2,0000  | 2,0000  | 2,0000  | 1           | 2,0000  | 1,5100     |      | 2            | 1             | 18 22-10-2018      |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-12-2018  | 172,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 13,8500    |      | 14           | 0             | 10 22-10-2018      |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-12-2018  | 174,0000       | C                 | EUR               | 1,4000  | 1,4000  | 1,4000  | 1           | 1,4000  | 1,1900     |      | 1            | 1             | 19 22-10-2018      |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-12-2018  | 174,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 15,5700    |      | 16           | 0             | 3 22-10-2018       |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-12-2018  | 176,0000       | C                 | EUR               | 1,1500  | 1,1500  | 0,9200  | 4           | 0,9200  | 0,9400     |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name                          | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open    | High    | Low     | Trade Count | Close   | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|--|-------------|----------------|-------------------|-------------------|---------|---------|---------|-------------|---------|------------|------|--------------|---------------|--------------------|
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-12-2018  | 200,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 40,4700    | 40   | 0            | 363           | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-12-2018  | 210,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0400     | 0    | 0            | 78            | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-12-2018  | 210,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 50,4500    | 50   | 0            | 44            | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-12-2018  | 220,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0200     | 0    | 0            | 446           | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-12-2018  | 220,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 60,4500    | 60   | 0            | 181           | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-12-2018  | 240,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 230           | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-12-2018  | 240,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 80,4600    | 80   | 0            | 126           | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-12-2018  | 300,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 16            | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-12-2018  | 300,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 140,4900   | 140  | 0            | 22            | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-12-2018  | 350,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-12-2018  | 350,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 190,5200   | 191  | 0            | 24            | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 18-1-2019   | 130,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 30,2300    | 30   | 0            | 0             | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 18-1-2019   | 130,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,5100     | 1    | 0            | 0             | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 18-1-2019   | 140,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 20,9400    | 21   | 0            | 0             | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 18-1-2019   | 140,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,2500     | 1    | 0            | 0             | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 18-1-2019   | 150,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,6900    | 13   | 0            | 0             | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 18-1-2019   | 150,0000       | P                 | EUR               | 3,1500  | 3,1500  | 3,1500  | 1           | 3,1500  | 3,0500     | 3    | 1            | 1             | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 18-1-2019   | 156,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,5900     | 9    | 0            | 0             | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 18-1-2019   | 156,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,9600     | 5    | 0            | 0             | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 18-1-2019   | 158,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,4100     | 7    | 0            | 0             | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 18-1-2019   | 158,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,8100     | 6    | 0            | 0             | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 18-1-2019   | 160,0000       | C                 | EUR               | 7,3500  | 7,3500  | 7,3500  | 1           | 7,3500  | 6,3500     | 6    | 2            | 2             | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 18-1-2019   | 160,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,8000     | 7    | 0            | 0             | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 18-1-2019   | 162,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,3500     | 5    | 0            | 0             | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 18-1-2019   | 162,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,7700     | 8    | 0            | 0             | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 18-1-2019   | 164,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,5100     | 5    | 0            | 0             | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 18-1-2019   | 164,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,9100     | 9    | 0            | 0             | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 18-1-2019   | 166,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,7200     | 4    | 0            | 0             | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 18-1-2019   | 166,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,1300    | 10   | 0            | 0             | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 18-1-2019   | 170,0000       | C                 | EUR               | 2,5000  | 2,5000  | 2,5000  | 1           | 2,5000  | 2,4900     | 2    | 2            | 2             | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 18-1-2019   | 170,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,9200    | 13   | 0            | 0             | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 18-1-2019   | 180,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,8500     | 1    | 0            | 0             | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 18-1-2019   | 180,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 21,2900    | 21   | 0            | 0             | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 18-1-2019   | 190,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2900     | 0    | 0            | 0             | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 18-1-2019   | 190,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 30,7700    | 31   | 0            | 0             | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 15-3-2019   | 110,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 49,8900    | 50   | 0            | 0             | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 15-3-2019   | 110,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2500     | 0    | 0            | 0             | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 15-3-2019   | 120,0000       | C                 | EUR               | 15,0000 | 0,0000  | 0,0000  | -           | 0,0000  | 40,2000    | 40   | 0            | 2             | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 15-3-2019   | 120,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,5100     | 1    | 0            | 36            | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 15-3-2019   | 140,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 21,9100    | 22   | 0            | 26            | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 15-3-2019   | 140,0000       | P                 | EUR               | 2,0500  | 2,0500  | 2,0500  | 2           | 2,0500  | 2,2100     | 2    | 20           | 106           | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 15-3-2019   | 150,0000       | C                 | EUR               | 15,0400 | 15,0400 | 15,0400 | 1           | 15,0400 | 14,1200    | 14   | 1            | 2             | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 15-3-2019   | 150,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,4900     | 4    | 0            | 63            | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 15-3-2019   | 160,0000       | C                 | EUR               | 8,1500  | 8,1500  | 8,1500  | 2           | 8,1500  | 8,0500     | 8    | 2            | 53            | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 15-3-2019   | 160,0000       | P                 | EUR               | 8,0500  | 8,1500  | 8,0500  | 2           | 8,1500  | 8,3900     | 8    | 6            | 587           | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 15-3-2019   | 170,0000       | C                 | EUR               | 4,6000  | 4,6000  | 4,6000  | 1           | 4,6000  | 3,9800     | 4    | 1            | 92            | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 15-3-2019   | 170,0000       | P                 | EUR               | 13,3000 | 14,3000 | 13,3000 | 2           | 14,3000 | 14,3900    | 14   | 6            | 523           | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 15-3-2019   | 180,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,7500     | 2    | 0            | 269           | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 15-3-2019   | 180,0000       | P                 | EUR               | 22,4500 | 22,4500 | 22,3000 | 2           | 22,3000 | 22,2000    | 22   | 3            | 518           | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 15-3-2019   | 190,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,7300     | 1    | 0            | 338           | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 15-3-2019   | 190,0000       | P                 | EUR               | 30,6500 | 31,4000 | 30,6500 | 2           | 31,4000 | 31,2000    | 31   | 3            | 179           | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 15-3-2019   | 200,0000       | C                 | EUR               | 0,3500  | 0,3500  | 0,3500  | 1           | 0,3500  | 0,3000     | 0    | 2            | 374           | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 15-3-2019   | 200,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 40,7900    | 41   | 0            | 118           | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 15-3-2019   | 210,0000       | C                 | EUR               | 0,2400  | 0,2400  | 0,2400  | 1           | 0,2400  | 0,1200     | 0    | 2            | 41            | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 15-3-2019   | 210,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 50,6300    | 51   | 0            | 86            | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 15-3-2019   | 220,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0600     | 0    | 0            | 248           | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 15-3-2019   | 220,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 60,5900    | 61   | 0            | 73            | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 15-3-2019   | 250,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 57            | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 15-3-2019   | 250,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 90,6100    | 91   | 0            | 17            | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 15-3-2019   | 300,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 10            | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 15-3-2019   | 300,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 140,6700   | 141  | 0            | 15            | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 15-3-2019   | 350,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 15-3-2019   | 350,0000       | P                 | EUR               | 15,0000 | 0,0000  | 0,0000  | -           | 0,0000  | 190,7400   | 191  | 0            | 2             | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-6-2019   | 110,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 50,0200    | 50   | 0            | 1             | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-6-2019   | 110,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,6900     | 1    | 0            | 2             | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-6-2019   | 120,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 40,2500    | 40   | 0            | 2             | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-6-2019   | 120,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,3900     | 1    | 0            | 34            | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-6-2019   | 140,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 22,2800    | 22   | 0            | 21            | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-6-2019   | 140,0000       | P                 | EUR               | 4,9000  | 4,9000  | 4,9000  | 1           | 4,9000  | 4,8400     | 5    | 1            | 144           | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-6-2019   | 150,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 14,7500    | 15   | 0            | 1             | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-6-2019   | 150,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,2500     | 8    | 0            | 94            | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-6-2019   | 160,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,8200     | 9    | 0            | 64            | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-6-2019   | 160,0000       | P                 | EUR               | 13,2500 | 13,2500 | 13,2500 | 1           | 13,2500 | 13,1600    | 13   | 3            | 435           | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option | 21-6-2019   |                |                   |                   |         |         |         |             |         |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name                                    | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open    | High    | Low     | Trade Count | Close   | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|--|-------------|----------------|-------------------|-------------------|---------|---------|---------|-------------|---------|------------|------|--------------|---------------|--------------------|
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option           | 21-6-2019   | 300,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option           | 21-6-2019   | 300,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 145,8300   | 146  | 0            | 53            | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option           | 20-9-2019   | 110,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 50,0700    | 50   | 0            | 0             | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option           | 20-9-2019   | 110,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,5000     | 2    | 0            | 4             | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option           | 20-9-2019   | 120,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 40,4100    | 40   | 0            | 2             | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option           | 20-9-2019   | 120,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,6900     | 3    | 0            | 284           | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option           | 20-9-2019   | 140,0000       | C                 | EUR               | 22,0000 | 22,0000 | 22,0000 | 1           | 22,0000 | 22,3400    | 22   | 1            | 44            | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option           | 20-9-2019   | 140,0000       | P                 | EUR               | 7,5000  | 7,5500  | 7,5000  | 2           | 7,5500  | 7,6100     | 8    | 2            | 376           | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option           | 20-9-2019   | 150,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 14,8400    | 15   | 0            | 2             | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option           | 20-9-2019   | 150,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 11,9100    | 12   | 0            | 141           | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option           | 20-9-2019   | 160,0000       | C                 | EUR               | 9,0000  | 9,0000  | 9,0000  | 1           | 9,0000  | 9,0700     | 9    | 1            | 122           | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option           | 20-9-2019   | 160,0000       | P                 | EUR               | 17,0500 | 17,6500 | 17,0500 | 4           | 17,6500 | 17,6200    | 18   | 4            | 198           | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option           | 20-9-2019   | 170,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,1500     | 5    | 0            | 53            | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option           | 20-9-2019   | 170,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 24,7400    | 25   | 0            | 88            | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option           | 20-9-2019   | 180,0000       | C                 | EUR               | 3,1000  | 3,1000  | 3,1000  | 1           | 3,1000  | 2,7900     | 3    | 2            | 445           | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option           | 20-9-2019   | 180,0000       | P                 | EUR               | 30,8500 | 31,1000 | 30,8500 | 2           | 31,1000 | 32,9200    | 33   | 2            | 23            | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option           | 20-9-2019   | 190,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,4400     | 1    | 0            | 35            | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option           | 20-9-2019   | 190,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 41,8800    | 42   | 0            | 35            | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option           | 20-9-2019   | 200,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,7800     | 1    | 0            | 81            | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option           | 20-9-2019   | 200,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 51,3000    | 51   | 0            | 59            | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option           | 20-9-2019   | 220,0000       | C                 | EUR               | 0,2500  | 0,2500  | 0,2500  | 1           | 0,2500  | 0,2500     | 0    | 3            | 17            | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option           | 20-9-2019   | 220,0000       | P                 | EUR               | 70,5000 | 70,5000 | 70,5000 | 1           | 70,5000 | 70,9200    | 71   | 1            | 10            | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option           | 20-9-2019   | 250,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0300     | 0    | 0            | 1             | 22-10-2018         |
| O                | UBL                       | Unibail-Rodamco-Westfield - Stock Option           | 20-9-2019   | 250,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 100,9800   | 101  | 0            | 0             | 22-10-2018         |
| F                | UD6                       | Unicredit SpA - Stock Future                       | 15-11-2018  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 11,3050    | 11   | 0            | 0             | 22-10-2018         |
| F                | UD6                       | Unicredit SpA - Stock Future                       | 20-12-2018  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 11,3007    | 11   | 0            | 0             | 22-10-2018         |
| F                | UD6                       | Unicredit SpA - Stock Future                       | 17-1-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 11,2972    | 11   | 0            | 0             | 22-10-2018         |
| F                | UD6                       | Unicredit SpA - Stock Future                       | 14-3-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 11,2934    | 11   | 0            | 0             | 22-10-2018         |
| F                | UD6                       | Unicredit SpA - Stock Future                       | 20-6-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,9236    | 11   | 0            | 0             | 22-10-2018         |
| F                | UD6                       | Unicredit SpA - Stock Future                       | 19-9-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,9146    | 11   | 0            | 0             | 22-10-2018         |
| F                | UD8                       | Unicredit - Dividend Future                        | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3200     | 0    | 0            | 0             | 22-10-2018         |
| F                | UD8                       | Unicredit - Dividend Future                        | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,4000     | 0    | 0            | 0             | 22-10-2018         |
| F                | UD8                       | Unicredit - Dividend Future                        | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,5000     | 1    | 0            | 0             | 22-10-2018         |
| F                | UD8                       | Unicredit - Dividend Future                        | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,5000     | 1    | 0            | 0             | 22-10-2018         |
| F                | UD8                       | Unicredit - Dividend Future                        | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,5000     | 1    | 0            | 0             | 22-10-2018         |
| F                | UF8                       | UBI Banca - Dividend Future                        | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1100     | 0    | 0            | 0             | 22-10-2018         |
| F                | UF8                       | UBI Banca - Dividend Future                        | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1300     | 0    | 0            | 0             | 22-10-2018         |
| F                | UF8                       | UBI Banca - Dividend Future                        | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2000     | 0    | 0            | 0             | 22-10-2018         |
| F                | UF8                       | UBI Banca - Dividend Future                        | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2000     | 0    | 0            | 0             | 22-10-2018         |
| F                | UF8                       | UBI Banca - Dividend Future                        | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2000     | 0    | 0            | 0             | 22-10-2018         |
| F                | UH6                       | The Swatch Group (Bearer shares) - Stock Future    | 16-11-2018  | 0,0000         |                   | CHF               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 325,9958   | 326  | 0            | 0             | 22-10-2018         |
| F                | UH6                       | The Swatch Group (Bearer shares) - Stock Future    | 21-12-2018  | 0,0000         |                   | CHF               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 325,8335   | 326  | 0            | 0             | 22-10-2018         |
| F                | UH6                       | The Swatch Group (Bearer shares) - Stock Future    | 18-1-2019   | 0,0000         |                   | CHF               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 325,6856   | 326  | 0            | 0             | 22-10-2018         |
| F                | UH6                       | The Swatch Group (Bearer shares) - Stock Future    | 15-3-2019   | 0,0000         |                   | CHF               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 325,4378   | 325  | 0            | 0             | 22-10-2018         |
| F                | UH6                       | The Swatch Group (Bearer shares) - Stock Future    | 21-6-2019   | 0,0000         |                   | CHF               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 317,4864   | 317  | 0            | 0             | 22-10-2018         |
| F                | UH6                       | The Swatch Group (Bearer shares) - Stock Future    | 20-9-2019   | 0,0000         |                   | CHF               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 317,0660   | 317  | 0            | 0             | 22-10-2018         |
| F                | UH8                       | The Swatch Group (Bearer shares) - Dividend Future | 21-12-2018  | 0,0000         |                   | CHF               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,5000     | 8    | 0            | 0             | 22-10-2018         |
| F                | UH8                       | The Swatch Group (Bearer shares) - Dividend Future | 20-12-2019  | 0,0000         |                   | CHF               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,7500     | 7    | 0            | 0             | 22-10-2018         |
| F                | UH8                       | The Swatch Group (Bearer shares) - Dividend Future | 18-12-2020  | 0,0000         |                   | CHF               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,7500     | 7    | 0            | 0             | 22-10-2018         |
| F                | UH8                       | The Swatch Group (Bearer shares) - Dividend Future | 17-12-2021  | 0,0000         |                   | CHF               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,7500     | 7    | 0            | 0             | 22-10-2018         |
| F                | UH8                       | The Swatch Group (Bearer shares) - Dividend Future | 16-12-2022  | 0,0000         |                   | CHF               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,7500     | 7    | 0            | 0             | 22-10-2018         |
| F                | UI6                       | United Internet AG - Stock Future                  | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 36,4700    | 36   | 0            | 0             | 22-10-2018         |
| F                | UI6                       | United Internet AG - Stock Future                  | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 36,4560    | 36   | 0            | 0             | 22-10-2018         |
| F                | UI6                       | United Internet AG - Stock Future                  | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 36,4448    | 36   | 0            | 0             | 22-10-2018         |
| F                | UI6                       | United Internet AG - Stock Future                  | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 36,4325    | 36   | 0            | 0             | 22-10-2018         |
| F                | UI6                       | United Internet AG - Stock Future                  | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 35,4505    | 35   | 0            | 0             | 22-10-2018         |
| F                | UI6                       | United Internet AG - Stock Future                  | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 35,4213    | 35   | 0            | 0             | 22-10-2018         |
| F                | UK6                       | UPM-Kymmene OYJ - Stock Future                     | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 29,7419    | 30   | 0            | 0             | 22-10-2018         |
| F                | UK6                       | UPM-Kymmene OYJ - Stock Future                     | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 29,7304    | 30   | 0            | 0             | 22-10-2018         |
| F                | UK6                       | UPM-Kymmene OYJ - Stock Future                     | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 29,7213    | 30   | 0            | 0             | 22-10-2018         |
| F                | UK6                       | UPM-Kymmene OYJ - Stock Future                     | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 29,7113    | 30   | 0            | 0             | 22-10-2018         |
| F                | UK6                       | UPM-Kymmene OYJ - Stock Future                     | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 28,4359    | 28   | 0            | 0             | 22-10-2018         |
| F                | UK6                       | UPM-Kymmene OYJ - Stock Future                     | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 28,4125    | 28   | 0            | 0             | 22-10-2018         |
| O                | UN                        | UNILEVER   | 16-11-2018  | 38,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 9,4000     | 9    | 0            | 0             | 22-10-2018         |
| O                | UN                        | UNILEVER   | 16-11-2018  | 38,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 31            | 22-10-2018         |
| O                | UN                        | UNILEVER   | 16-11-2018  | 40,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,4000     | 7    | 0            | 0             | 22-10-2018         |
| O                | UN                        | UNILEVER   | 16-11-2018  | 40,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0400     | 0    | 0            | 331           | 22-10-2018         |
| O                | UN                        | UNILEVER   | 16-11-2018  | 42,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,4000     | 5    | 0            | 0             | 22-10-2018         |
| O                | UN                        | UNILEVER   | 16-11-2018  | 42,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0800     | 0    | 0            | 706           | 22-10-2018         |
| O                | UN                        | UNILEVER   | 16-11-2018  | 44,0000        | C                 | EUR               | 3,7000  | 3,9300  | 3,7000  | 2           | 3,9300  | 3,4400     | 3    | 26           | 193           | 22-10-2018         |
| O                | UN                        | UNILEVER   | 16-11-2018  | 44,0000        | P                 | EUR               | 0,1500  | 0,1600  | 0,1300  | 6           | 0,1600  | 0,1800     | 0    | 45           | 1093          | 22-10-2018         |
| O                | UN                        | UNILEVER   | 16-11-2018  | 45,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,5100     | 3    | 0            | 208           | 22-10-2018         |
| O                | UN                        | UNILEVER   | 16-11-2018  | 45,0000        | P                 | EUR               | 0,2700  | 0,2700  | 0,2500  | 8           | 0,2500  | 0,3000     | 0    | 72           | 441           | 22-10-2018         |
| O                | UN                        | UNILEVER   | 16-11-2018  | 46,0000        | C                 | EUR               | 2,0500  | 2,0500  | 2,0500  | 2           | 2,0500  | 1,6400     | 2    | 2            | 339           | 22-10-2018         |
| O                | UN                        | UNILEVER   | 16-11-2018  | 46,0000        | P                 | EUR               | 0,4200  | 0,4700  | 0,3400  | 18          | 0,4500  | 0,5000     | 1    | 49           | 1933          | 22-10-2018         |
| O                | UN                        |  |             |                |                   |                   |         |         |         |             |         |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|-----------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | UN                        | UNILEVER        | 16-11-2018  | 52,0000        | C                 | EUR               | 0,0500 | 0,0500 | 0,0400 | 7           | 0,0400 | 0,0400     | 0    | 132          | 309           | 22-10-2018         |
| O                | UN                        | UNILEVER        | 16-11-2018  | 52,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,0200     | 5    | 0            | 284           | 22-10-2018         |
| O                | UN                        | UNILEVER        | 16-11-2018  | 54,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 182           | 22-10-2018         |
| O                | UN                        | UNILEVER        | 16-11-2018  | 54,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,0200     | 7    | 0            | 177           | 22-10-2018         |
| O                | UN                        | UNILEVER        | 16-11-2018  | 56,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 167           | 22-10-2018         |
| O                | UN                        | UNILEVER        | 16-11-2018  | 56,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,0300     | 9    | 0            | 18            | 22-10-2018         |
| O                | UN                        | UNILEVER        | 21-12-2018  | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 27,3800    | 27   | 0            | 0             | 22-10-2018         |
| O                | UN                        | UNILEVER        | 21-12-2018  | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 1284          | 22-10-2018         |
| O                | UN                        | UNILEVER        | 21-12-2018  | 22,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 25,3800    | 25   | 0            | 0             | 22-10-2018         |
| O                | UN                        | UNILEVER        | 21-12-2018  | 22,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 274           | 22-10-2018         |
| O                | UN                        | UNILEVER        | 21-12-2018  | 24,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 23,3800    | 23   | 0            | 0             | 22-10-2018         |
| O                | UN                        | UNILEVER        | 21-12-2018  | 24,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 342           | 22-10-2018         |
| O                | UN                        | UNILEVER        | 21-12-2018  | 25,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,3800    | 22   | 0            | 1             | 22-10-2018         |
| O                | UN                        | UNILEVER        | 21-12-2018  | 25,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 2213          | 22-10-2018         |
| O                | UN                        | UNILEVER        | 21-12-2018  | 26,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,3800    | 21   | 0            | 0             | 22-10-2018         |
| O                | UN                        | UNILEVER        | 21-12-2018  | 26,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 267           | 22-10-2018         |
| O                | UN                        | UNILEVER        | 21-12-2018  | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 19,3800    | 19   | 0            | 5             | 22-10-2018         |
| O                | UN                        | UNILEVER        | 21-12-2018  | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 2357          | 22-10-2018         |
| O                | UN                        | UNILEVER        | 21-12-2018  | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,3800    | 17   | 0            | 21            | 22-10-2018         |
| O                | UN                        | UNILEVER        | 21-12-2018  | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 2036          | 22-10-2018         |
| O                | UN                        | UNILEVER        | 21-12-2018  | 32,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,3800    | 15   | 0            | 1             | 22-10-2018         |
| O                | UN                        | UNILEVER        | 21-12-2018  | 32,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 1552          | 22-10-2018         |
| O                | UN                        | UNILEVER        | 21-12-2018  | 34,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,3900    | 13   | 0            | 2             | 22-10-2018         |
| O                | UN                        | UNILEVER        | 21-12-2018  | 34,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 3955          | 22-10-2018         |
| O                | UN                        | UNILEVER        | 21-12-2018  | 35,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,4000    | 12   | 0            | 18            | 22-10-2018         |
| O                | UN                        | UNILEVER        | 21-12-2018  | 35,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 13487         | 22-10-2018         |
| O                | UN                        | UNILEVER        | 21-12-2018  | 38,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,4000     | 9    | 0            | 0             | 22-10-2018         |
| O                | UN                        | UNILEVER        | 21-12-2018  | 38,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 1             | 22-10-2018         |
| O                | UN                        | UNILEVER        | 21-12-2018  | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,4100     | 7    | 0            | 1141          | 22-10-2018         |
| O                | UN                        | UNILEVER        | 21-12-2018  | 40,0000        | P                 | EUR               | 0,1200 | 0,1200 | 0,1200 | 1           | 0,1200 | 0,1200     | 0    | 20           | 20228         | 22-10-2018         |
| O                | UN                        | UNILEVER        | 21-12-2018  | 42,0000        | C                 | EUR               | 6,0000 | 6,0000 | 6,0000 | 2           | 6,0000 | 5,4300     | 5    | 12           | 476           | 22-10-2018         |
| O                | UN                        | UNILEVER        | 21-12-2018  | 42,0000        | P                 | EUR               | 0,2100 | 0,2100 | 0,2100 | 1           | 0,2100 | 0,2300     | 0    | 25           | 3276          | 22-10-2018         |
| O                | UN                        | UNILEVER        | 21-12-2018  | 44,0000        | C                 | EUR               | 3,7700 | 3,8000 | 3,7700 | 2           | 3,8000 | 3,5600     | 4    | 21           | 455           | 22-10-2018         |
| O                | UN                        | UNILEVER        | 21-12-2018  | 44,0000        | P                 | EUR               | 0,4200 | 0,4200 | 0,3700 | 8           | 0,4100 | 0,4500     | 0    | 59           | 12330         | 22-10-2018         |
| O                | UN                        | UNILEVER        | 21-12-2018  | 45,0000        | C                 | EUR               | 2,9200 | 3,2200 | 2,7500 | 7           | 2,7500 | 2,7000     | 3    | 60           | 3651          | 22-10-2018         |
| O                | UN                        | UNILEVER        | 21-12-2018  | 45,0000        | P                 | EUR               | 0,6000 | 0,6000 | 0,5000 | 8           | 0,5800 | 0,6400     | 1    | 91           | 17009         | 22-10-2018         |
| O                | UN                        | UNILEVER        | 21-12-2018  | 46,0000        | C                 | EUR               | 2,1000 | 2,3000 | 2,1000 | 2           | 2,3000 | 1,9400     | 2    | 9            | 1937          | 22-10-2018         |
| O                | UN                        | UNILEVER        | 21-12-2018  | 46,0000        | P                 | EUR               | 0,8700 | 0,8700 | 0,6900 | 3           | 0,6900 | 0,9200     | 1    | 84           | 2511          | 22-10-2018         |
| O                | UN                        | UNILEVER        | 21-12-2018  | 47,0000        | C                 | EUR               | 1,4500 | 1,7000 | 1,4500 | 4           | 1,4500 | 1,3100     | 1    | 104          | 1220          | 22-10-2018         |
| O                | UN                        | UNILEVER        | 21-12-2018  | 47,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3200     | 1    | 0            | 1108          | 22-10-2018         |
| O                | UN                        | UNILEVER        | 21-12-2018  | 48,0000        | C                 | EUR               | 1,0000 | 1,1800 | 0,8900 | 31          | 0,8900 | 0,8500     | 1    | 173          | 7388          | 22-10-2018         |
| O                | UN                        | UNILEVER        | 21-12-2018  | 48,0000        | P                 | EUR               | 1,7500 | 1,7900 | 1,5600 | 3           | 1,7900 | 1,8600     | 2    | 5            | 6964          | 22-10-2018         |
| O                | UN                        | UNILEVER        | 21-12-2018  | 49,0000        | C                 | EUR               | 0,6100 | 0,7200 | 0,5800 | 19          | 0,5800 | 0,5200     | 1    | 172          | 3932          | 22-10-2018         |
| O                | UN                        | UNILEVER        | 21-12-2018  | 49,0000        | P                 | EUR               | 2,3700 | 2,4600 | 2,1700 | 11          | 2,4600 | 2,5300     | 3    | 319          | 394           | 22-10-2018         |
| O                | UN                        | UNILEVER        | 21-12-2018  | 50,0000        | C                 | EUR               | 0,3700 | 0,4400 | 0,3600 | 26          | 0,3600 | 0,3100     | 0    | 193          | 10860         | 22-10-2018         |
| O                | UN                        | UNILEVER        | 21-12-2018  | 50,0000        | P                 | EUR               | 2,8000 | 2,8000 | 2,8000 | 2           | 2,8000 | 3,3200     | 3    | 2            | 5254          | 22-10-2018         |
| O                | UN                        | UNILEVER        | 21-12-2018  | 52,0000        | C                 | EUR               | 0,1500 | 0,1500 | 0,1500 | 1           | 0,1500 | 0,1100     | 0    | 27           | 2349          | 22-10-2018         |
| O                | UN                        | UNILEVER        | 21-12-2018  | 52,0000        | P                 | EUR               | 4,6500 | 4,6500 | 4,6500 | 1           | 4,6500 | 5,1400     | 5    | 1            | 443           | 22-10-2018         |
| O                | UN                        | UNILEVER        | 21-12-2018  | 54,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 158           | 22-10-2018         |
| O                | UN                        | UNILEVER        | 21-12-2018  | 54,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,0700     | 7    | 0            | 0             | 22-10-2018         |
| O                | UN                        | UNILEVER        | 21-12-2018  | 55,0000        | C                 | EUR               | 0,0500 | 0,0500 | 0,0500 | 10          | 0,0500 | 0,0400     | 0    | 50           | 2227          | 22-10-2018         |
| O                | UN                        | UNILEVER        | 21-12-2018  | 55,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,0500     | 8    | 0            | 1112          | 22-10-2018         |
| O                | UN                        | UNILEVER        | 21-12-2018  | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 3279          | 22-10-2018         |
| O                | UN                        | UNILEVER        | 21-12-2018  | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,0300    | 13   | 0            | 1157          | 22-10-2018         |
| O                | UN                        | UNILEVER        | 21-12-2018  | 70,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 345           | 22-10-2018         |
| O                | UN                        | UNILEVER        | 21-12-2018  | 70,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 23,0200    | 23   | 0            | 1166          | 22-10-2018         |
| O                | UN                        | UNILEVER        | 18-1-2019   | 42,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,4600     | 5    | 0            | 0             | 22-10-2018         |
| O                | UN                        | UNILEVER        | 18-1-2019   | 42,0000        | P                 | EUR               | 0,3100 | 0,3100 | 0,3100 | 2           | 0,3100 | 0,3300     | 0    | 28           | 28            | 22-10-2018         |
| O                | UN                        | UNILEVER        | 18-1-2019   | 44,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,6400     | 4    | 0            | 0             | 22-10-2018         |
| O                | UN                        | UNILEVER        | 18-1-2019   | 44,0000        | P                 | EUR               | 0,5700 | 0,5800 | 0,5700 | 2           | 0,5800 | 0,6000     | 1    | 66           | 66            | 22-10-2018         |
| O                | UN                        | UNILEVER        | 18-1-2019   | 46,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1300     | 2    | 0            | 0             | 22-10-2018         |
| O                | UN                        | UNILEVER        | 18-1-2019   | 46,0000        | P                 | EUR               | 0,9400 | 0,9400 | 0,9400 | 1           | 0,9400 | 1,1300     | 1    | 4            | 4             | 22-10-2018         |
| O                | UN                        | UNILEVER        | 18-1-2019   | 47,0000        | C                 | EUR               | 1,6500 | 1,6500 | 1,5900 | 3           | 1,5900 | 1,5400     | 2    | 48           | 48            | 22-10-2018         |
| O                | UN                        | UNILEVER        | 18-1-2019   | 47,0000        | P                 | EUR               | 1,4100 | 1,4400 | 1,4000 | 5           | 1,4000 | 1,5400     | 2    | 6            | 6             | 22-10-2018         |
| O                | UN                        | UNILEVER        | 18-1-2019   | 48,0000        | C                 | EUR               | 1,1400 | 1,1600 | 1,1400 | 4           | 1,1600 | 1,0600     | 1    | 5            | 5             | 22-10-2018         |
| O                | UN                        | UNILEVER        | 18-1-2019   | 48,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0800     | 2    | 0            | 0             | 22-10-2018         |
| O                | UN                        | UNILEVER        | 18-1-2019   | 49,0000        | C                 | EUR               | 0,8500 | 0,8500 | 0,8400 | 2           | 0,8400 | 0,7000     | 1    | 44           | 44            | 22-10-2018         |
| O                | UN                        | UNILEVER        | 18-1-2019   | 49,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7200     | 3    | 0            | 0             | 22-10-2018         |
| O                | UN                        | UNILEVER        | 18-1-2019   | 50,0000        | C                 | EUR               | 0,5100 | 0,5300 | 0,5100 | 13          | 0,5300 | 0,4500     | 0    | 536          | 536           | 22-10-2018         |
| O                | UN                        | UNILEVER        | 18-1-2019   | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4700     | 3    | 0            | 0             | 22-10-2018         |
| O                | UN                        | UNILEVER        | 18-1-2019   | 52,0000        | C                 | EUR               | 0,2400 | 0,2500 | 0,2000 | 3           | 0,2000 | 0,1900     | 0    | 3            | 3             | 22-10-2018         |
| O                | UN                        | UNILEVER        | 18-1-2019   | 52,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,2100     | 5    | 0            | 0             | 22-10-2018         |
| O                | UN                        | UNILEVER        | 18-1-2019   | 54,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     | 0    | 0            | 0             | 22-10-2018         |
| O                | UN                        | UNILEVER        | 18-1-2019   | 54,0000        | P                 | EUR               | 6,8500 | 6,8500 | 6,8000 | 5           | 6,8000 | 7,1200     | 7    | 6            | 6             | 22-10-2018         |
| O                | UN                        | UNILEVER        | 15-3-2019   | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 19,3900    | 19   | 0            | 0             | 22-10-2018         |
| O                | UN                        | UNILEVER        | 15-3-2019   | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 57            | 22-10-2018         |
| O                | UN                        | UNILEVER        | 15-3-2019   | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,3900    | 17   | 0            | 0             | 22-10-2018         |
| O                | UN                        | UNILEVER        | 15-3-2019   | 30,0000        | P                 |                   |        |        |        |             |        |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open    | High    | Low     | Trade Count | Close   | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |            |
|------------------|---------------------------|-----------------|-------------|----------------|-------------------|-------------------|---------|---------|---------|-------------|---------|------------|------|--------------|---------------|--------------------|------------|
| O                | UN                        | UNILEVER        | 15-3-2019   | 44,0000        | P                 | EUR               | 1,0200  | 1,0400  | 0,9300  | 9           | 1,0300  | 1,0900     |      | 1            | 87            | 3484               | 22-10-2018 |
| O                | UN                        | UNILEVER        | 15-3-2019   | 46,0000        | C                 | EUR               | 2,6300  | 2,6300  | 2,6000  | 2           | 2,6000  | 2,4900     |      | 2            | 2             | 3257               | 22-10-2018 |
| O                | UN                        | UNILEVER        | 15-3-2019   | 46,0000        | P                 | EUR               | 1,6500  | 1,6700  | 1,4800  | 6           | 1,6700  | 1,7800     |      | 2            | 47            | 3775               | 22-10-2018 |
| O                | UN                        | UNILEVER        | 15-3-2019   | 48,0000        | C                 | EUR               | 1,6000  | 1,6000  | 1,5400  | 2           | 1,5400  | 1,4500     |      | 1            | 2             | 4831               | 22-10-2018 |
| O                | UN                        | UNILEVER        | 15-3-2019   | 48,0000        | P                 | EUR               | 2,5300  | 2,5300  | 2,5300  | 1           | 2,5300  | 2,7900     |      | 3            | 1             | 3687               | 22-10-2018 |
| O                | UN                        | UNILEVER        | 15-3-2019   | 50,0000        | C                 | EUR               | 0,8300  | 0,8400  | 0,7900  | 8           | 0,7900  | 0,7800     |      | 1            | 103           | 2744               | 22-10-2018 |
| O                | UN                        | UNILEVER        | 15-3-2019   | 50,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,1500     |      | 4            | 0             | 533                | 22-10-2018 |
| O                | UN                        | UNILEVER        | 15-3-2019   | 52,0000        | C                 | EUR               | 0,4700  | 0,4800  | 0,4700  | 2           | 0,4800  | 0,4000     |      | 0            | 24            | 2065               | 22-10-2018 |
| O                | UN                        | UNILEVER        | 15-3-2019   | 52,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,8000     |      | 6            | 0             | 117                | 22-10-2018 |
| O                | UN                        | UNILEVER        | 15-3-2019   | 55,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1500     |      | 0            | 0             | 1482               | 22-10-2018 |
| O                | UN                        | UNILEVER        | 15-3-2019   | 55,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,5700     |      | 9            | 0             | 58                 | 22-10-2018 |
| O                | UN                        | UNILEVER        | 15-3-2019   | 60,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0300     |      | 0            | 0             | 1060               | 22-10-2018 |
| O                | UN                        | UNILEVER        | 15-3-2019   | 60,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 13,4500    |      | 13           | 0             | 58                 | 22-10-2018 |
| O                | UN                        | UNILEVER        | 15-3-2019   | 70,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 116                | 22-10-2018 |
| O                | UN                        | UNILEVER        | 15-3-2019   | 70,0000        | P                 | EUR               | 23,1500 | 23,1500 | 23,1500 | 1           | 23,1500 | 23,4500    |      | 23           | 1             | 35                 | 22-10-2018 |
| O                | UN                        | UNILEVER        | 21-6-2019   | 30,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 17,4700    |      | 17           | 0             | 0                  | 22-10-2018 |
| O                | UN                        | UNILEVER        | 21-6-2019   | 30,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1000     |      | 0            | 0             | 300                | 22-10-2018 |
| O                | UN                        | UNILEVER        | 21-6-2019   | 35,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,4300    |      | 12           | 0             | 267                | 22-10-2018 |
| O                | UN                        | UNILEVER        | 21-6-2019   | 35,0000        | P                 | EUR               | 0,2500  | 0,2500  | 0,2500  | 1           | 0,2500  | 0,2700     |      | 0            | 49            | 259                | 22-10-2018 |
| O                | UN                        | UNILEVER        | 21-6-2019   | 40,0000        | C                 | EUR               | 7,7500  | 7,7500  | 7,7500  | 1           | 7,7500  | 7,5100     |      | 8            | 2             | 858                | 22-10-2018 |
| O                | UN                        | UNILEVER        | 21-6-2019   | 40,0000        | P                 | EUR               | 0,7100  | 0,7100  | 0,7000  | 2           | 0,7000  | 0,7700     |      | 1            | 95            | 5576               | 22-10-2018 |
| O                | UN                        | UNILEVER        | 21-6-2019   | 44,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,1700     |      | 4            | 0             | 260                | 22-10-2018 |
| O                | UN                        | UNILEVER        | 21-6-2019   | 44,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,7000     |      | 2            | 0             | 643                | 22-10-2018 |
| O                | UN                        | UNILEVER        | 21-6-2019   | 45,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,4800     |      | 3            | 0             | 2823               | 22-10-2018 |
| O                | UN                        | UNILEVER        | 21-6-2019   | 45,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,0700     |      | 2            | 0             | 4105               | 22-10-2018 |
| O                | UN                        | UNILEVER        | 21-6-2019   | 46,0000        | C                 | EUR               | 3,0000  | 3,0000  | 3,0000  | 1           | 3,0000  | 2,8600     |      | 3            | 2             | 503                | 22-10-2018 |
| O                | UN                        | UNILEVER        | 21-6-2019   | 46,0000        | P                 | EUR               | 2,2600  | 2,3500  | 2,2600  | 3           | 2,3500  | 2,5000     |      | 3            | 4             | 345                | 22-10-2018 |
| O                | UN                        | UNILEVER        | 21-6-2019   | 48,0000        | C                 | EUR               | 2,0500  | 2,0900  | 2,0500  | 2           | 2,0900  | 1,8700     |      | 2            | 2             | 3276               | 22-10-2018 |
| O                | UN                        | UNILEVER        | 21-6-2019   | 48,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,5900     |      | 4            | 0             | 3850               | 22-10-2018 |
| O                | UN                        | UNILEVER        | 21-6-2019   | 50,0000        | C                 | EUR               | 1,2700  | 1,2700  | 1,2500  | 2           | 1,2500  | 1,1600     |      | 1            | 58            | 4284               | 22-10-2018 |
| O                | UN                        | UNILEVER        | 21-6-2019   | 50,0000        | P                 | EUR               | 4,6500  | 4,6500  | 4,6500  | 1           | 4,6500  | 4,9300     |      | 5            | 29            | 1494               | 22-10-2018 |
| O                | UN                        | UNILEVER        | 21-6-2019   | 52,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,7000     |      | 1            | 0             | 361                | 22-10-2018 |
| O                | UN                        | UNILEVER        | 21-6-2019   | 52,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,4900     |      | 6            | 0             | 661                | 22-10-2018 |
| O                | UN                        | UNILEVER        | 21-6-2019   | 55,0000        | C                 | EUR               | 0,4000  | 0,4000  | 0,4000  | 2           | 0,4000  | 0,3300     |      | 0            | 3             | 1159               | 22-10-2018 |
| O                | UN                        | UNILEVER        | 21-6-2019   | 55,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 9,1300     |      | 9            | 0             | 321                | 22-10-2018 |
| O                | UN                        | UNILEVER        | 21-6-2019   | 60,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1000     |      | 0            | 0             | 2328               | 22-10-2018 |
| O                | UN                        | UNILEVER        | 21-6-2019   | 60,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 13,9200    |      | 14           | 0             | 94                 | 22-10-2018 |
| O                | UN                        | UNILEVER        | 21-6-2019   | 70,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0200     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | UN                        | UNILEVER        | 21-6-2019   | 70,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 23,8700    |      | 24           | 0             | 0                  | 22-10-2018 |
| O                | UN                        | UNILEVER        | 20-9-2019   | 30,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 17,3800    |      | 17           | 0             | 0                  | 22-10-2018 |
| O                | UN                        | UNILEVER        | 20-9-2019   | 30,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1800     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | UN                        | UNILEVER        | 20-9-2019   | 35,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,4000    |      | 12           | 0             | 240                | 22-10-2018 |
| O                | UN                        | UNILEVER        | 20-9-2019   | 35,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,4400     |      | 0            | 0             | 8                  | 22-10-2018 |
| O                | UN                        | UNILEVER        | 20-9-2019   | 40,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,5900     |      | 8            | 0             | 217                | 22-10-2018 |
| O                | UN                        | UNILEVER        | 20-9-2019   | 40,0000        | P                 | EUR               | 1,0500  | 1,0500  | 1,0000  | 3           | 1,0000  | 1,1200     |      | 1            | 71            | 113                | 22-10-2018 |
| O                | UN                        | UNILEVER        | 20-9-2019   | 44,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,3900     |      | 4            | 0             | 51                 | 22-10-2018 |
| O                | UN                        | UNILEVER        | 20-9-2019   | 44,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,2600     |      | 2            | 0             | 219                | 22-10-2018 |
| O                | UN                        | UNILEVER        | 20-9-2019   | 46,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,1700     |      | 3            | 0             | 1073               | 22-10-2018 |
| O                | UN                        | UNILEVER        | 20-9-2019   | 46,0000        | P                 | EUR               | 3,0000  | 3,0000  | 2,8300  | 2           | 2,8300  | 3,1400     |      | 3            | 10            | 697                | 22-10-2018 |
| O                | UN                        | UNILEVER        | 20-9-2019   | 48,0000        | C                 | EUR               | 2,2600  | 2,4700  | 2,2600  | 3           | 2,4300  | 2,1800     |      | 2            | 3             | 68                 | 22-10-2018 |
| O                | UN                        | UNILEVER        | 20-9-2019   | 48,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,2400     |      | 4            | 0             | 70                 | 22-10-2018 |
| O                | UN                        | UNILEVER        | 20-9-2019   | 50,0000        | C                 | EUR               | 1,5400  | 1,5400  | 1,5400  | 1           | 1,5400  | 1,4700     |      | 1            | 10            | 87                 | 22-10-2018 |
| O                | UN                        | UNILEVER        | 20-9-2019   | 50,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,5500     |      | 6            | 0             | 62                 | 22-10-2018 |
| O                | UN                        | UNILEVER        | 20-9-2019   | 55,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,5100     |      | 1            | 0             | 8                  | 22-10-2018 |
| O                | UN                        | UNILEVER        | 20-9-2019   | 55,0000        | P                 | EUR               | 9,3500  | 9,3500  | 9,3500  | 1           | 9,3500  | 9,6800     |      | 10           | 28            | 28                 | 22-10-2018 |
| O                | UN                        | UNILEVER        | 20-9-2019   | 60,0000        | C                 | EUR               | 0,2000  | 0,2000  | 0,2000  | 2           | 0,2000  | 0,1800     |      | 0            | 38            | 38                 | 22-10-2018 |
| O                | UN                        | UNILEVER        | 20-9-2019   | 60,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 14,3900    |      | 14           | 0             | 0                  | 22-10-2018 |
| O                | UN                        | UNILEVER        | 20-9-2019   | 70,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0200     |      | 0            | 0             | 0                  | 22-10-2018 |
| O                | UN                        | UNILEVER        | 20-9-2019   | 70,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 24,2700    |      | 24           | 0             | 10                 | 22-10-2018 |
| O                | UN                        | UNILEVER        | 20-12-2019  | 20,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 27,4600    |      | 27           | 0             | 8                  | 22-10-2018 |
| O                | UN                        | UNILEVER        | 20-12-2019  | 20,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0200     |      | 0            | 0             | 934                | 22-10-2018 |
| O                | UN                        | UNILEVER        | 20-12-2019  | 25,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 22,3800    |      | 22           | 0             | 6                  | 22-10-2018 |
| O                | UN                        | UNILEVER        | 20-12-2019  | 25,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1100     |      | 0            | 0             | 511                | 22-10-2018 |
| O                | UN                        | UNILEVER        | 20-12-2019  | 30,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 17,3800    |      | 17           | 0             | 45                 | 22-10-2018 |
| O                | UN                        | UNILEVER        | 20-12-2019  | 30,0000        | P                 | EUR               | 0,2600  | 0,2600  | 0,2600  | 1           | 0,2600  | 0,2700     |      | 0            | 5             | 810                | 22-10-2018 |
| O                | UN                        | UNILEVER        | 20-12-2019  | 32,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 15,3800    |      | 15           | 0             | 2                  | 22-10-2018 |
| O                | UN                        | UNILEVER        | 20-12-2019  | 32,0000        | P                 | EUR               | 0,3500  | 0,3500  | 0,3500  | 1           | 0,3500  | 0,3700     |      | 0            | 5             | 1163               | 22-10-2018 |
| O                | UN                        | UNILEVER        | 20-12-2019  | 35,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,4000    |      | 12           | 0             | 555                | 22-10-2018 |
| O                | UN                        | UNILEVER        | 20-12-2019  | 35,0000        | P                 | EUR               | 0,5800  | 0,5800  | 0,5800  | 2           | 0,5800  | 0,6400     |      | 1            | 54            | 3371               | 22-10-2018 |
| O                | UN                        | UNILEVER        | 20-12-2019  | 40,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,6500     |      | 8            | 0             | 3767               | 22-10-2018 |
| O                | UN                        | UNILEVER        | 20-12-2019  | 40,0000        | P                 | EUR               | 1,3700  | 1,3700  | 1,3700  | 1           | 1,3700  | 1,4900     |      | 1            | 1             | 15167              | 22-10-2018 |
| O                | UN                        | UNILEVER        | 20-12-2019  | 45,0000        | C                 | EUR               | 4,2000  | 4,3700  | 4,0100  | 13          | 4,1000  | 3,9800     |      | 4            | 64            | 5456               | 22-10-2018 |
| O                | UN                        | UNILEVER        | 20-12-2019  | 45,0000        | P                 | EUR               | 3,1100  | 3,1100  | 2,9500  | 6           | 2,9600  | 3,2300     |      | 3            | 1101          | 7469               | 22-10-2018 |
| O                | UN                        | UNILEVER        | 20-12-2019  | 50,0000        | C                 | EUR               | 1,8100  | 1,9800  | 1,8100  | 10          | 1,9800  | 1,7300     |      | 2            | 45            | 4007               | 22-10-2018 |
| O                | UN                        | UNILEVER        | 20-12-2019  | 50,0000        | P                 | EUR               | 5,9000  | 5,9000  | 5,7000  | 7           | 5,7000  | 6,1900     |      | 6            | 113           | 2204               | 22-10-2018 |
| O                | UN                        | UNILEVER        | 20-12-2019  | 55,0000        | C                 | EUR               | 0,7500  | 0,8000  | 0,      |             |         |            |      |              |               |                    |            |



| Instrument Type* | Instrument Trading Symbol | Instrument Name            | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open    | High    | Low     | Trade Count | Close   | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|----------------------------|-------------|----------------|-------------------|-------------------|---------|---------|---------|-------------|---------|------------|------|--------------|---------------|--------------------|
| O                | UN                        | UNILEVER                   | 19-6-2020   | 40,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,7500     |      | 8            | 0             | 1 22-10-2018       |
| O                | UN                        | UNILEVER                   | 19-6-2020   | 40,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,1400     |      | 2            | 0             | 34 22-10-2018      |
| O                | UN                        | UNILEVER                   | 19-6-2020   | 45,0000        | C                 | EUR               | 4,6500  | 4,6500  | 4,4000  | 2           | 4,4000  | 4,2800     |      | 4            | 28            | 22-10-2018         |
| O                | UN                        | UNILEVER                   | 19-6-2020   | 45,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,1800     |      | 4            | 0             | 34 22-10-2018      |
| O                | UN                        | UNILEVER                   | 19-6-2020   | 50,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,0700     |      | 2            | 47            | 22-10-2018         |
| O                | UN                        | UNILEVER                   | 19-6-2020   | 50,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,2000     |      | 7            | 0             | 10 22-10-2018      |
| O                | UN                        | UNILEVER                   | 19-6-2020   | 55,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,9400     |      | 1            | 0             | 11 22-10-2018      |
| O                | UN                        | UNILEVER                   | 19-6-2020   | 55,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 11,2200    |      | 11           | 0             | 0 22-10-2018       |
| O                | UN                        | UNILEVER                   | 19-6-2020   | 60,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,4300     |      | 0            | 2             | 22-10-2018         |
| O                | UN                        | UNILEVER                   | 19-6-2020   | 60,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 15,7800    |      | 16           | 0             | 0 22-10-2018       |
| O                | UN                        | UNILEVER                   | 18-12-2020  | 20,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 27,3800    |      | 27           | 0             | 1 22-10-2018       |
| O                | UN                        | UNILEVER                   | 18-12-2020  | 20,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1100     |      | 0            | 410           | 22-10-2018         |
| O                | UN                        | UNILEVER                   | 18-12-2020  | 25,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 22,3800    |      | 22           | 0             | 9 22-10-2018       |
| O                | UN                        | UNILEVER                   | 18-12-2020  | 25,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2800     |      | 0            | 164           | 22-10-2018         |
| O                | UN                        | UNILEVER                   | 18-12-2020  | 28,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 19,3800    |      | 19           | 0             | 4 22-10-2018       |
| O                | UN                        | UNILEVER                   | 18-12-2020  | 28,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,4800     |      | 0            | 321           | 22-10-2018         |
| O                | UN                        | UNILEVER                   | 18-12-2020  | 30,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 17,3800    |      | 17           | 0             | 23 22-10-2018      |
| O                | UN                        | UNILEVER                   | 18-12-2020  | 30,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,6700     |      | 1            | 0             | 439 22-10-2018     |
| O                | UN                        | UNILEVER                   | 18-12-2020  | 35,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,3800    |      | 12           | 0             | 16 22-10-2018      |
| O                | UN                        | UNILEVER                   | 18-12-2020  | 35,0000        | P                 | EUR               | 1,3300  | 1,3700  | 1,3300  | 4           | 1,3700  | 1,4200     |      | 1            | 22            | 702 22-10-2018     |
| O                | UN                        | UNILEVER                   | 18-12-2020  | 40,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,8500     |      | 8            | 0             | 1002 22-10-2018    |
| O                | UN                        | UNILEVER                   | 18-12-2020  | 40,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,8100     |      | 3            | 0             | 773 22-10-2018     |
| O                | UN                        | UNILEVER                   | 18-12-2020  | 42,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,3700     |      | 6            | 0             | 370 22-10-2018     |
| O                | UN                        | UNILEVER                   | 18-12-2020  | 42,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,6100     |      | 4            | 0             | 328 22-10-2018     |
| O                | UN                        | UNILEVER                   | 18-12-2020  | 45,0000        | C                 | EUR               | 4,7000  | 4,7000  | 4,7000  | 1           | 4,7000  | 4,5200     |      | 5            | 20            | 750 22-10-2018     |
| O                | UN                        | UNILEVER                   | 18-12-2020  | 45,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,0600     |      | 5            | 0             | 775 22-10-2018     |
| O                | UN                        | UNILEVER                   | 18-12-2020  | 50,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,4100     |      | 2            | 0             | 884 22-10-2018     |
| O                | UN                        | UNILEVER                   | 18-12-2020  | 50,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,2300     |      | 8            | 0             | 1257 22-10-2018    |
| O                | UN                        | UNILEVER                   | 18-12-2020  | 55,0000        | C                 | EUR               | 1,3200  | 1,3200  | 1,3200  | 1           | 1,3200  | 1,2200     |      | 1            | 1             | 356 22-10-2018     |
| O                | UN                        | UNILEVER                   | 18-12-2020  | 55,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,1600    |      | 12           | 0             | 12 22-10-2018      |
| O                | UN                        | UNILEVER                   | 18-12-2020  | 60,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,6300     |      | 1            | 0             | 1009 22-10-2018    |
| O                | UN                        | UNILEVER                   | 18-12-2020  | 60,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 16,6800    |      | 17           | 0             | 379 22-10-2018     |
| O                | UN                        | UNILEVER                   | 18-12-2020  | 80,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0700     |      | 0            | 160           | 22-10-2018         |
| O                | UN                        | UNILEVER                   | 18-12-2020  | 80,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 36,2500    |      | 36           | 0             | 41 22-10-2018      |
| O                | UN                        | UNILEVER                   | 17-12-2021  | 20,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 27,3800    |      | 27           | 0             | 5 22-10-2018       |
| O                | UN                        | UNILEVER                   | 17-12-2021  | 20,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2200     |      | 0            | 0             | 111 22-10-2018     |
| O                | UN                        | UNILEVER                   | 17-12-2021  | 25,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 22,3800    |      | 22           | 0             | 4 22-10-2018       |
| O                | UN                        | UNILEVER                   | 17-12-2021  | 25,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,5500     |      | 1            | 0             | 226 22-10-2018     |
| O                | UN                        | UNILEVER                   | 17-12-2021  | 30,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 17,3800    |      | 17           | 0             | 48 22-10-2018      |
| O                | UN                        | UNILEVER                   | 17-12-2021  | 30,0000        | P                 | EUR               | 1,1200  | 1,1200  | 1,1100  | 2           | 1,1100  | 1,1700     |      | 1            | 20            | 448 22-10-2018     |
| O                | UN                        | UNILEVER                   | 17-12-2021  | 35,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,4400    |      | 12           | 0             | 588 22-10-2018     |
| O                | UN                        | UNILEVER                   | 17-12-2021  | 35,0000        | P                 | EUR               | 2,1400  | 2,1400  | 2,1400  | 1           | 2,1400  | 2,2700     |      | 2            | 1             | 617 22-10-2018     |
| O                | UN                        | UNILEVER                   | 17-12-2021  | 40,0000        | C                 | EUR               | 8,5000  | 8,5000  | 8,2500  | 2           | 8,2500  | 8,0800     |      | 8            | 2             | 1067 22-10-2018    |
| O                | UN                        | UNILEVER                   | 17-12-2021  | 40,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,0600     |      | 4            | 0             | 1268 22-10-2018    |
| O                | UN                        | UNILEVER                   | 17-12-2021  | 45,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,9500     |      | 5            | 0             | 853 22-10-2018     |
| O                | UN                        | UNILEVER                   | 17-12-2021  | 45,0000        | P                 | EUR               | 6,2500  | 6,2500  | 6,2500  | 1           | 6,2500  | 6,6200     |      | 7            | 1             | 3502 22-10-2018    |
| O                | UN                        | UNILEVER                   | 17-12-2021  | 50,0000        | C                 | EUR               | 3,2200  | 3,2200  | 3,2000  | 3           | 3,2000  | 2,9400     |      | 3            | 3             | 1578 22-10-2018    |
| O                | UN                        | UNILEVER                   | 17-12-2021  | 50,0000        | P                 | EUR               | 9,7000  | 9,7000  | 9,7000  | 1           | 9,7000  | 9,9300     |      | 10           | 1             | 1840 22-10-2018    |
| O                | UN                        | UNILEVER                   | 17-12-2021  | 60,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,0200     |      | 1            | 0             | 1080 22-10-2018    |
| O                | UN                        | UNILEVER                   | 17-12-2021  | 60,0000        | P                 | EUR               | 17,6500 | 18,0000 | 17,6500 | 2           | 18,0000 | 18,2600    |      | 18           | 2             | 638 22-10-2018     |
| O                | UN                        | UNILEVER                   | 17-12-2021  | 80,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1600     |      | 0            | 354           | 22-10-2018         |
| O                | UN                        | UNILEVER                   | 17-12-2021  | 80,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 37,5200    |      | 38           | 0             | 330 22-10-2018     |
| O                | UN                        | UNILEVER                   | 16-12-2022  | 25,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 22,3800    |      | 22           | 0             | 13 22-10-2018      |
| O                | UN                        | UNILEVER                   | 16-12-2022  | 25,0000        | P                 | EUR               | 0,7700  | 0,8000  | 0,7700  | 2           | 0,8000  | 0,8600     |      | 1            | 50            | 655 22-10-2018     |
| O                | UN                        | UNILEVER                   | 16-12-2022  | 30,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 17,3800    |      | 17           | 0             | 33 22-10-2018      |
| O                | UN                        | UNILEVER                   | 16-12-2022  | 30,0000        | P                 | EUR               | 1,6500  | 1,6500  | 1,6500  | 1           | 1,6500  | 1,6900     |      | 2            | 2             | 399 22-10-2018     |
| O                | UN                        | UNILEVER                   | 16-12-2022  | 35,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,4100    |      | 12           | 0             | 0 22-10-2018       |
| O                | UN                        | UNILEVER                   | 16-12-2022  | 35,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,0900     |      | 3            | 0             | 11 22-10-2018      |
| O                | UN                        | UNILEVER                   | 16-12-2022  | 40,0000        | C                 | EUR               | 8,5500  | 8,7500  | 8,4000  | 4           | 8,7500  | 8,2600     |      | 8            | 4             | 813 22-10-2018     |
| O                | UN                        | UNILEVER                   | 16-12-2022  | 40,0000        | P                 | EUR               | 5,0000  | 5,1500  | 4,9400  | 7           | 5,1500  | 5,1500     |      | 5            | 24            | 2655 22-10-2018    |
| O                | UN                        | UNILEVER                   | 16-12-2022  | 45,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,2800     |      | 5            | 0             | 630 22-10-2018     |
| O                | UN                        | UNILEVER                   | 16-12-2022  | 45,0000        | P                 | EUR               | 7,8000  | 7,8000  | 7,5500  | 3           | 7,6500  | 7,9500     |      | 8            | 5             | 2060 22-10-2018    |
| O                | UN                        | UNILEVER                   | 16-12-2022  | 48,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,0400     |      | 4            | 0             | 295 22-10-2018     |
| O                | UN                        | UNILEVER                   | 16-12-2022  | 48,0000        | P                 | EUR               | 9,7000  | 9,7000  | 9,7000  | 2           | 9,7000  | 9,9400     |      | 10           | 2             | 124 22-10-2018     |
| O                | UN                        | UNILEVER                   | 16-12-2022  | 50,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,3500     |      | 3            | 0             | 519 22-10-2018     |
| O                | UN                        | UNILEVER                   | 16-12-2022  | 50,0000        | P                 | EUR               | 11,3000 | 11,3000 | 11,0000 | 3           | 11,0000 | 11,3700    |      | 11           | 4             | 233 22-10-2018     |
| O                | UN                        | UNILEVER                   | 16-12-2022  | 60,0000        | C                 | EUR               | 1,4200  | 1,4200  | 1,4200  | 1           | 1,4200  | 1,3400     |      | 1            | 1             | 1016 22-10-2018    |
| O                | UN                        | UNILEVER                   | 16-12-2022  | 60,0000        | P                 | EUR               | 19,0500 | 19,4500 | 19,0500 | 4           | 19,4500 | 19,5500    |      | 20           | 12            | 234 22-10-2018     |
| O                | UN                        | UNILEVER                   | 16-12-2022  | 80,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2900     |      | 0            | 0             | 1520 22-10-2018    |
| O                | UN                        | UNILEVER                   | 16-12-2022  | 80,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 38,5500    |      | 39           | 0             | 170 22-10-2018     |
| F                | UN6                       | Unilever NV - Stock Future | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 47,0171    |      | 47           | 0             | 0 22-10-2018       |
| F                | UN6                       | Unilever NV - Stock Future | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 46,9991    |      | 47           | 0             | 0 22-10-2018       |
| F                | UN6                       | Unilever NV - Stock Future | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 46,9846    |      | 47           | 0             | 0 22-10-2018       |
| F                | UN6                       | Unilever NV - Stock Future | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 46,6289    |      | 47           | 0             | 0 22-10-2018       |
| F                | UN6                       | Unilever NV - Stock Future | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 46,2477    |      | 46           | 0             | 0 22-10-2018       |
| F                | UN6                       | Unilever NV - Stock Future | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 45,8699    |      | 46           | 0             | 0 22-10-2018       |
| F                | UN8                       | Unilever - Dividend Future | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,5201     |      | 2            | 0             | 0 22-10-2018       |
| F                | UN8                       | Unilever - Dividend Future | 20-12-2019  |                |                   |                   |         |         |         |             |         |            |      |              |               |                    |



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| Instrument Type* | Instrument Trading Symbol | Instrument Name                        | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|--|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| F                | UQ8                       | UBS Group - Dividend Future            | 16-12-2022  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8000     |      | 1            | 0             | 22-10-2018         |
| F                | UQ8                       | UnipolSai - Dividend Future            | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1450     |      | 0            | 0             | 22-10-2018         |
| F                | UQ8                       | UnipolSai - Dividend Future            | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1250     |      | 0            | 0             | 22-10-2018         |
| F                | UQ8                       | UnipolSai - Dividend Future            | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1250     |      | 0            | 0             | 22-10-2018         |
| F                | UQ8                       | UnipolSai - Dividend Future            | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1250     |      | 0            | 0             | 22-10-2018         |
| F                | UQ8                       | UnipolSai - Dividend Future            | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1250     |      | 0            | 0             | 22-10-2018         |
| F                | UR6                       | Securitas B - Stock Future             | 16-11-2018  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 147,7097   |      | 148          | 0             | 22-10-2018         |
| F                | UR6                       | Securitas B - Stock Future             | 21-12-2018  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 147,6587   |      | 148          | 0             | 22-10-2018         |
| F                | UR6                       | Securitas B - Stock Future             | 18-1-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 147,6224   |      | 148          | 0             | 22-10-2018         |
| F                | UR6                       | Securitas B - Stock Future             | 15-3-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 147,5458   |      | 148          | 0             | 22-10-2018         |
| F                | UR6                       | Securitas B - Stock Future             | 21-6-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 142,4353   |      | 142          | 0             | 22-10-2018         |
| F                | UR6                       | Securitas B - Stock Future             | 20-9-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 142,3745   |      | 142          | 0             | 22-10-2018         |
| F                | UT6                       | Azimut Holding SpA - Stock Future      | 15-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,3220    |      | 11           | 0             | 22-10-2018         |
| F                | UT6                       | Azimut Holding SpA - Stock Future      | 20-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,3177    |      | 11           | 0             | 22-10-2018         |
| F                | UT6                       | Azimut Holding SpA - Stock Future      | 17-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,3142    |      | 11           | 0             | 22-10-2018         |
| F                | UT6                       | Azimut Holding SpA - Stock Future      | 14-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,3104    |      | 11           | 0             | 22-10-2018         |
| F                | UT6                       | Azimut Holding SpA - Stock Future      | 20-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,3506    |      | 10           | 0             | 22-10-2018         |
| F                | UT6                       | Azimut Holding SpA - Stock Future      | 19-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,3421    |      | 10           | 0             | 22-10-2018         |
| F                | UT8                       | Azimut Holding - Dividend Future       | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0000     |      | 1            | 0             | 22-10-2018         |
| F                | UT8                       | Azimut Holding - Dividend Future       | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1000     |      | 1            | 0             | 22-10-2018         |
| F                | UT8                       | Azimut Holding - Dividend Future       | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2000     |      | 1            | 0             | 22-10-2018         |
| F                | UT8                       | Azimut Holding - Dividend Future       | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2000     |      | 1            | 0             | 22-10-2018         |
| F                | UT8                       | Azimut Holding - Dividend Future       | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2000     |      | 1            | 0             | 22-10-2018         |
| F                | UU8                       | United Utilities Group - Dividend      | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 53,2600    |      | 53           | 0             | 22-10-2018         |
| F                | UU8                       | United Utilities Group - Dividend      | 20-12-2019  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 40,0000    |      | 40           | 0             | 22-10-2018         |
| F                | UU8                       | United Utilities Group - Dividend      | 18-12-2020  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 40,0000    |      | 40           | 0             | 22-10-2018         |
| F                | UU8                       | United Utilities Group - Dividend      | 17-12-2021  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 40,0000    |      | 40           | 0             | 22-10-2018         |
| F                | UU8                       | United Utilities Group - Dividend      | 16-12-2022  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 40,0000    |      | 40           | 0             | 22-10-2018         |
| F                | UV8                       | Severn Trent - Dividend Future         | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 83,9600    |      | 84           | 0             | 22-10-2018         |
| F                | UV8                       | Severn Trent - Dividend Future         | 20-12-2019  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 84,5800    |      | 85           | 0             | 22-10-2018         |
| F                | UV8                       | Severn Trent - Dividend Future         | 18-12-2020  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 84,5800    |      | 85           | 0             | 22-10-2018         |
| F                | UV8                       | Severn Trent - Dividend Future         | 17-12-2021  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 84,5800    |      | 85           | 0             | 22-10-2018         |
| F                | UV8                       | Severn Trent - Dividend Future         | 16-12-2022  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 84,5800    |      | 85           | 0             | 22-10-2018         |
| F                | UW8                       | SSE - Dividend Future                  | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 94,7000    |      | 95           | 0             | 22-10-2018         |
| F                | UW8                       | SSE - Dividend Future                  | 20-12-2019  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 93,9000    |      | 94           | 0             | 22-10-2018         |
| F                | UW8                       | SSE - Dividend Future                  | 18-12-2020  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 93,9000    |      | 94           | 0             | 22-10-2018         |
| F                | UW8                       | SSE - Dividend Future                  | 17-12-2021  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 93,9000    |      | 94           | 0             | 22-10-2018         |
| F                | UW8                       | SSE - Dividend Future                  | 16-12-2022  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 93,9000    |      | 94           | 0             | 22-10-2018         |
| F                | UY8                       | Amazon.com - Dividend Future           | 18-1-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0000     |      | 0            | 0             | 22-10-2018         |
| F                | UY8                       | Amazon.com - Dividend Future           | 17-1-2020   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0000     |      | 0            | 0             | 22-10-2018         |
| F                | UY8                       | Amazon.com - Dividend Future           | 15-1-2021   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0000     |      | 0            | 0             | 22-10-2018         |
| F                | UY8                       | Amazon.com - Dividend Future           | 21-1-2022   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0000     |      | 0            | 0             | 22-10-2018         |
| F                | UY8                       | Amazon.com - Dividend Future           | 20-1-2023   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0000     |      | 0            | 0             | 22-10-2018         |
| F                | UZ8                       | Unilever PLC - Dividend Future         | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 138,1000   |      | 138          | 0             | 22-10-2018         |
| F                | UZ8                       | Unilever PLC - Dividend Future         | 20-12-2019  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 146,8800   |      | 147          | 0             | 22-10-2018         |
| F                | UZ8                       | Unilever PLC - Dividend Future         | 18-12-2020  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 164,5000   |      | 165          | 0             | 22-10-2018         |
| F                | UZ8                       | Unilever PLC - Dividend Future         | 17-12-2021  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 180,4500   |      | 180          | 0             | 22-10-2018         |
| F                | UZ8                       | Unilever PLC - Dividend Future         | 16-12-2022  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 180,4500   |      | 180          | 0             | 22-10-2018         |
| F                | VB8                       | General Motors - Dividend Future       | 18-1-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6000     |      | 2            | 0             | 22-10-2018         |
| F                | VB8                       | General Motors - Dividend Future       | 17-1-2020   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7200     |      | 2            | 0             | 22-10-2018         |
| F                | VB8                       | General Motors - Dividend Future       | 15-1-2021   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8000     |      | 2            | 0             | 22-10-2018         |
| F                | VB8                       | General Motors - Dividend Future       | 21-1-2022   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8000     |      | 2            | 0             | 22-10-2018         |
| F                | VB8                       | General Motors - Dividend Future       | 20-1-2023   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8000     |      | 2            | 0             | 22-10-2018         |
| F                | VC8                       | Ford Motor - Dividend Future           | 18-1-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5983     |      | 1            | 0             | 22-10-2018         |
| F                | VC8                       | Ford Motor - Dividend Future           | 17-1-2020   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6300     |      | 1            | 0             | 22-10-2018         |
| F                | VC8                       | Ford Motor - Dividend Future           | 15-1-2021   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6700     |      | 1            | 0             | 22-10-2018         |
| F                | VC8                       | Ford Motor - Dividend Future           | 21-1-2022   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6700     |      | 1            | 0             | 22-10-2018         |
| F                | VC8                       | Ford Motor - Dividend Future           | 20-1-2023   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6700     |      | 1            | 0             | 22-10-2018         |
| F                | VD8                       | Philip Morris - Dividend Future        | 18-1-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,3400     |      | 4            | 0             | 22-10-2018         |
| F                | VD8                       | Philip Morris - Dividend Future        | 17-1-2020   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,4500     |      | 4            | 0             | 22-10-2018         |
| F                | VD8                       | Philip Morris - Dividend Future        | 15-1-2021   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,4500     |      | 4            | 0             | 22-10-2018         |
| F                | VD8                       | Philip Morris - Dividend Future        | 21-1-2022   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,4500     |      | 4            | 0             | 22-10-2018         |
| F                | VD8                       | Philip Morris - Dividend Future        | 20-1-2023   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,4500     |      | 4            | 0             | 22-10-2018         |
| F                | VE6                       | Svenska Handelsbanken A - Stock Future | 16-11-2018  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 102,8220   |      | 103          | 0             | 22-10-2018         |
| F                | VE6                       | Svenska Handelsbanken A - Stock Future | 21-12-2018  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 102,7864   |      | 103          | 0             | 22-10-2018         |
| F                | VE6                       | Svenska Handelsbanken A - Stock Future | 18-1-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 102,7612   |      | 103          | 0             | 22-10-2018         |
| F                | VE6                       | Svenska Handelsbanken A - Stock Future | 15-3-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 102,7078   |      | 103          | 0             | 22-10-2018         |
| F                | VE6                       | Svenska Handelsbanken A - Stock Future | 21-6-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 97,1338    |      | 97           | 0             | 22-10-2018         |
| F                | VE6                       | Svenska Handelsbanken A - Stock Future | 20-9-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 97,0925    |      | 97           | 0             | 22-10-2018         |
| F                | VE8                       | Svenska Handelsbanken A - Dividend     | 21-12-2018  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,3954     |      | 5            | 0             | 22-10-2018         |
| F                | VE8                       | Svenska Handelsbanken A - Dividend     | 20-12-2019  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,0000     |      | 6            | 0             | 22-10-2018         |
| F                | VE8                       | Svenska Handelsbanken A - Dividend     | 18-12-2020  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,5000     |      | 7            | 0             | 22-10-2018         |
| F                | VE8                       | Svenska Handelsbanken A - Dividend     | 17-12-2021  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,0000     |      | 7            | 0             | 22-10-2018         |
| F                | VE8                       | Svenska Handelsbanken A - Dividend     | 16-12-2022  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,0000     |      | 7            | 0             | 22-10-2018         |
| F                | VF6                       | Viscofan SA - Stock Future             | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 62,9328    |      | 63           | 0             | 22-10-2018         |
| F                | VF6                       | Viscofan SA - Stock Future             | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 62,9086    |      | 63           | 0             | 22-10-2018         |
| F                | VF6                       | Viscofan SA - Stock Future             | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 62,2695    |      | 62           | 0             | 22-10-2018         |
| F                | VF6                       | Viscofan SA - Stock Future             | 15-3-2019   | 0,00           |                   |                   |        |        |        |             |        |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name                          | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP   | Total Volume | Open Interest | Open Interest Date |            |
|------------------|---------------------------|--|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|--------|--------------|---------------|--------------------|------------|
| F                | VH8                       | Duke Energy - Dividend Future            | 18-1-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,6000     |        | 4            | 0             | 22-10-2018         |            |
| F                | VH8                       | Duke Energy - Dividend Future            | 17-1-2020   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,7200     |        | 4            | 0             | 22-10-2018         |            |
| F                | VH8                       | Duke Energy - Dividend Future            | 15-1-2021   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8400     |        | 4            | 0             | 22-10-2018         |            |
| F                | VH8                       | Duke Energy - Dividend Future            | 21-1-2022   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8400     |        | 4            | 0             | 22-10-2018         |            |
| F                | VH8                       | Duke Energy - Dividend Future            | 20-1-2023   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8400     |        | 4            | 0             | 22-10-2018         |            |
| F                | VJ8                       | CME Group - Dividend Future              | 18-1-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8000     |        | 3            | 0             | 22-10-2018         |            |
| F                | VJ8                       | CME Group - Dividend Future              | 17-1-2020   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0400     |        | 3            | 0             | 22-10-2018         |            |
| F                | VJ8                       | CME Group - Dividend Future              | 15-1-2021   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0400     |        | 3            | 0             | 22-10-2018         |            |
| F                | VJ8                       | CME Group - Dividend Future              | 21-1-2022   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0400     |        | 3            | 0             | 22-10-2018         |            |
| F                | VJ8                       | CME Group - Dividend Future              | 20-1-2023   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0400     |        | 3            | 0             | 22-10-2018         |            |
| F                | VK6                       | Vopak koninklijke - Stock Future         | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 40,9588    |        | 41           | 0             | 22-10-2018         |            |
| F                | VK6                       | Vopak koninklijke - Stock Future         | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 40,9431    |        | 41           | 0             | 22-10-2018         |            |
| F                | VK6                       | Vopak koninklijke - Stock Future         | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 40,9305    |        | 41           | 0             | 22-10-2018         |            |
| F                | VK6                       | Vopak koninklijke - Stock Future         | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 40,9167    |        | 41           | 0             | 22-10-2018         |            |
| F                | VK6                       | Vopak koninklijke - Stock Future         | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 40,0309    |        | 40           | 0             | 22-10-2018         |            |
| F                | VK6                       | Vopak koninklijke - Stock Future         | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 39,9980    |        | 40           | 0             | 22-10-2018         |            |
| F                | VL8                       | Conocophillips - Dividend Future         | 18-1-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1600     |        | 1            | 0             | 22-10-2018         |            |
| F                | VL8                       | Conocophillips - Dividend Future         | 17-1-2020   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2800     |        | 1            | 0             | 22-10-2018         |            |
| F                | VL8                       | Conocophillips - Dividend Future         | 15-1-2021   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4000     |        | 1            | 0             | 22-10-2018         |            |
| F                | VL8                       | Conocophillips - Dividend Future         | 21-1-2022   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4000     |        | 1            | 0             | 22-10-2018         |            |
| F                | VL8                       | Conocophillips - Dividend Future         | 20-1-2023   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4000     |        | 1            | 0             | 22-10-2018         |            |
| F                | VM8                       | Apple - Dividend Future                  | 18-1-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7000     |        | 3            | 0             | 22-10-2018         |            |
| F                | VM8                       | Apple - Dividend Future                  | 17-1-2020   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9400     |        | 3            | 0             | 22-10-2018         |            |
| F                | VM8                       | Apple - Dividend Future                  | 15-1-2021   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1500     |        | 3            | 0             | 22-10-2018         |            |
| F                | VM8                       | Apple - Dividend Future                  | 21-1-2022   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1500     |        | 3            | 0             | 22-10-2018         |            |
| F                | VM8                       | Apple - Dividend Future                  | 20-1-2023   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1500     |        | 3            | 0             | 22-10-2018         |            |
| F                | VN8                       | Vonovia - Dividend Future                | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3200     |        | 1            | 0             | 22-10-2018         |            |
| F                | VN8                       | Vonovia - Dividend Future                | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2000     |        | 1            | 0             | 22-10-2018         |            |
| F                | VN8                       | Vonovia - Dividend Future                | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2000     |        | 1            | 0             | 22-10-2018         |            |
| F                | VN8                       | Vonovia - Dividend Future                | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2000     |        | 1            | 0             | 22-10-2018         |            |
| F                | VN8                       | Vonovia - Dividend Future                | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2000     |        | 1            | 0             | 22-10-2018         |            |
| F                | VO6                       | Vodafone Group - Stock Future            | 16-11-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 149,6200   |        | 150          | 0             | 22-10-2018         |            |
| F                | VO6                       | Vodafone Group - Stock Future            | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 145,2800   |        | 145          | 0             | 22-10-2018         |            |
| F                | VO6                       | Vodafone Group - Stock Future            | 18-1-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 145,3600   |        | 145          | 0             | 22-10-2018         |            |
| F                | VO6                       | Vodafone Group - Stock Future            | 15-3-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 145,5200   |        | 146          | 0             | 22-10-2018         |            |
| F                | VO6                       | Vodafone Group - Stock Future            | 21-6-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 136,6400   |        | 137          | 0             | 22-10-2018         |            |
| F                | VO6                       | Vodafone Group - Stock Future            | 20-9-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 136,9500   |        | 137          | 0             | 22-10-2018         |            |
| F                | VO8                       | Vodafone Group - Dividend Future         | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,7800    |        | 13           | 0             | 22-10-2018         |            |
| F                | VO8                       | Vodafone Group - Dividend Future         | 20-12-2019  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,0500    |        | 13           | 0             | 22-10-2018         |            |
| F                | VO8                       | Vodafone Group - Dividend Future         | 18-12-2020  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,3600    |        | 13           | 0             | 22-10-2018         |            |
| F                | VO8                       | Vodafone Group - Dividend Future         | 17-12-2021  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,3600    |        | 13           | 0             | 22-10-2018         |            |
| F                | VO8                       | Vodafone Group - Dividend Future         | 16-12-2022  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,3600    |        | 13           | 0             | 22-10-2018         |            |
| F                | VP6                       | Vienna Insurance Group AG - Stock Future | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 23,6935    |        | 24           | 0             | 22-10-2018         |            |
| F                | VP6                       | Vienna Insurance Group AG - Stock Future | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 23,6844    |        | 24           | 0             | 22-10-2018         |            |
| F                | VP6                       | Vienna Insurance Group AG - Stock Future | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 23,6772    |        | 24           | 0             | 22-10-2018         |            |
| F                | VP6                       | Vienna Insurance Group AG - Stock Future | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 23,6692    |        | 24           | 0             | 22-10-2018         |            |
| F                | VP6                       | Vienna Insurance Group AG - Stock Future | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,7484    |        | 23           | 0             | 22-10-2018         |            |
| F                | VP6                       | Vienna Insurance Group AG - Stock Future | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,7297    |        | 23           | 0             | 22-10-2018         |            |
| F                | VP8                       | Vopak - Dividend Future                  | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0500     |        | 1            | 0             | 22-10-2018         |            |
| F                | VP8                       | Vopak - Dividend Future                  | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1000     |        | 1            | 0             | 22-10-2018         |            |
| F                | VP8                       | Vopak - Dividend Future                  | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1000     |        | 1            | 0             | 22-10-2018         |            |
| F                | VP8                       | Vopak - Dividend Future                  | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1000     |        | 1            | 0             | 22-10-2018         |            |
| F                | VP8                       | Vopak - Dividend Future                  | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1000     |        | 1            | 0             | 22-10-2018         |            |
| O                | VPK                       | KONINKLIJKE VOPAK NV                     | 16-11-2018  | 32,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,0300     |        | 9            | 0             | 22-10-2018         |            |
| O                | VPK                       | KONINKLIJKE VOPAK NV                     | 16-11-2018  | 32,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     |        | 0            | 75            | 22-10-2018         |            |
| O                | VPK                       | KONINKLIJKE VOPAK NV                     | 16-11-2018  | 34,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,0900     |        | 7            | 0             | 22-10-2018         |            |
| O                | VPK                       | KONINKLIJKE VOPAK NV                     | 16-11-2018  | 34,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     |        | 0            | 25            | 22-10-2018         |            |
| O                | VPK                       | KONINKLIJKE VOPAK NV                     | 16-11-2018  | 36,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,1900     |        | 5            | 0             | 22-10-2018         |            |
| O                | VPK                       | KONINKLIJKE VOPAK NV                     | 16-11-2018  | 36,0000        | P                 | EUR               | 0,2300 | 0,2300 | 0,2300 | -           | 1      | 0,2300     | 0,2300 | 0            | 25            | 36                 | 22-10-2018 |
| O                | VPK                       | KONINKLIJKE VOPAK NV                     | 16-11-2018  | 37,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,2700     |        | 4            | 0             | 36                 | 22-10-2018 |
| O                | VPK                       | KONINKLIJKE VOPAK NV                     | 16-11-2018  | 37,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3100     |        | 0            | 0             | 58                 | 22-10-2018 |
| O                | VPK                       | KONINKLIJKE VOPAK NV                     | 16-11-2018  | 38,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4100     |        | 3            | 0             | 19                 | 22-10-2018 |
| O                | VPK                       | KONINKLIJKE VOPAK NV                     | 16-11-2018  | 38,0000        | P                 | EUR               | 0,4200 | 0,4400 | 0,4200 | -           | 2      | 0,4400     | 0,4500 | 0            | 8             | 81                 | 22-10-2018 |
| O                | VPK                       | KONINKLIJKE VOPAK NV                     | 16-11-2018  | 39,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6100     |        | 3            | 0             | 22                 | 22-10-2018 |
| O                | VPK                       | KONINKLIJKE VOPAK NV                     | 16-11-2018  | 39,0000        | P                 | EUR               | 0,5500 | 0,6000 | 0,5500 | -           | 2      | 0,6000     | 0,6500 | 1            | 4             | 169                | 22-10-2018 |
| O                | VPK                       | KONINKLIJKE VOPAK NV                     | 16-11-2018  | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9100     |        | 2            | 0             | 91                 | 22-10-2018 |
| O                | VPK                       | KONINKLIJKE VOPAK NV                     | 16-11-2018  | 40,0000        | P                 | EUR               | 0,7700 | 1,0300 | 0,7700 | -           | 4      | 1,0300     | 0,9500 | 1            | 30            | 341                | 22-10-2018 |
| O                | VPK                       | KONINKLIJKE VOPAK NV                     | 16-11-2018  | 41,0000        | C                 | EUR               | 1,4000 | 1,4000 | 1,2600 | -           | 5      | 1,2600     | 1,3100 | 1            | 34            | 309                | 22-10-2018 |
| O                | VPK                       | KONINKLIJKE VOPAK NV                     | 16-11-2018  | 41,0000        | P                 | EUR               | 1,2400 | 1,4800 | 1,2400 | -           | 5      | 1,3400     | 1,3600 | 1            | 112           | 229                | 22-10-2018 |
| O                | VPK                       | KONINKLIJKE VOPAK NV                     | 16-11-2018  | 42,0000        | C                 | EUR               | 1,1200 | 1,1200 | 0,8300 | -           | 5      | 0,8300     | 0,8700 | 1            | 8             | 246                | 22-10-2018 |
| O                | VPK                       | KONINKLIJKE VOPAK NV                     | 16-11-2018  | 42,0000        | P                 | EUR               | 1,8000 | 1,8000 | 1,7600 | -           | 3      | 1,7600     | 1,9100 | 2            | 3             | 334                | 22-10-2018 |
| O                | VPK                       | KONINKLIJKE VOPAK NV                     | 16-11-2018  | 43,0000        | C                 | EUR               | 0,8000 | 0,8000 | 0,5200 | -           | 6      | 0,5200     | 0,5500 | 1            | 69            | 721                | 22-10-2018 |
| O                | VPK                       | KONINKLIJKE VOPAK NV                     | 16-11-2018  | 43,0000        | P                 | EUR               | 2,6900 | 2,6900 | 2,6900 | -           | 2      | 2,6900     | 2,5900 | 3            | 80            | 153                | 22-10-2018 |
| O                | VPK                       | KONINKLIJKE VOPAK NV                     | 16-11-2018  | 44,0000        | C                 | EUR               | 0,4900 | 0,4900 | 0,4900 | -           | 2      | 0,4900     | 0,3300 | 0            | 5             | 282                | 22-10-2018 |
| O                | VPK                       | KONINKLIJKE VOPAK NV                     | 16-11-2018  | 44,0000        | P                 | EUR               | 3,2800 | 3,2800 | 3,1700 | -           | 2      | 3,1700     | 3,3800 | 3            | 2             | 158                | 22-10-2018 |
| O                | VPK                       | KONINKLIJKE VOPAK NV                     | 16-11-2018  | 45,0000        | C                 | EUR               | 0,2900 | 0,2900 | 0,2400 | -           | 3      | 0,2400     | 0,1900 | 0            | 19            | 174                | 22-10-2018 |
| O                | VPK                       | KONINKLIJKE VOPAK NV                     | 16-11-2018  | 45,0000        | P                 |                   |        |        |        |             |        |            |        |              |               |                    |            |



| Instrument Type* | Instrument Trading Symbol | Instrument Name      | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|----------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | VPK                       | KONINKLIJKE VOPAK NV | 21-12-2018  | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,0300    |      | 13           | 0             | 77 22-10-2018      |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 21-12-2018  | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     |      | 0            | 0             | 22 22-10-2018      |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 21-12-2018  | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,0700    |      | 11           | 0             | 6 22-10-2018       |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 21-12-2018  | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     |      | 0            | 0             | 142 22-10-2018     |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 21-12-2018  | 34,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,2100     |      | 7            | 0             | 0 22-10-2018       |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 21-12-2018  | 34,0000        | P                 | EUR               | 0,2200 | 0,2200 | 0,2200 | 4           | 0,2200 | 0,2600     |      | 0            | 21            | 41 22-10-2018      |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 21-12-2018  | 36,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,3700     |      | 5            | 0             | 132 22-10-2018     |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 21-12-2018  | 36,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4200     |      | 0            | 0             | 493 22-10-2018     |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 21-12-2018  | 38,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,7000     |      | 4            | 0             | 150 22-10-2018     |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 21-12-2018  | 38,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7500     |      | 1            | 0             | 1167 22-10-2018    |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 21-12-2018  | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2800     |      | 2            | 0             | 1797 22-10-2018    |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 21-12-2018  | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3400     |      | 0            | 0             | 2024 22-10-2018    |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 21-12-2018  | 41,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7200     |      | 2            | 0             | 5 22-10-2018       |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 21-12-2018  | 41,0000        | P                 | EUR               | 1,7500 | 1,7500 | 1,7500 | 1           | 1,7500 | 1,7700     |      | 2            | 3             | 30 22-10-2018      |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 21-12-2018  | 42,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2500     |      | 1            | 0             | 1426 22-10-2018    |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 21-12-2018  | 42,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3100     |      | 2            | 0             | 430 22-10-2018     |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 21-12-2018  | 43,0000        | C                 | EUR               | 0,8500 | 0,8800 | 0,8500 | 2           | 0,8800 | 0,8900     |      | 1            | 6             | 19 22-10-2018      |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 21-12-2018  | 43,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9400     |      | 3            | 0             | 1 22-10-2018       |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 21-12-2018  | 44,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6100     |      | 1            | 0             | 841 22-10-2018     |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 21-12-2018  | 44,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,6700     |      | 4            | 0             | 137 22-10-2018     |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 21-12-2018  | 45,0000        | C                 | EUR               | 0,5200 | 0,5200 | 0,4200 | 4           | 0,4200 | 0,4100     |      | 0            | 4             | 881 22-10-2018     |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 21-12-2018  | 45,0000        | P                 | EUR               | 4,2200 | 4,2200 | 4,2200 | 1           | 4,2200 | 4,4700     |      | 4            | 1             | 241 22-10-2018     |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 21-12-2018  | 46,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2800     |      | 0            | 0             | 122 22-10-2018     |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 21-12-2018  | 46,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,3400     |      | 5            | 0             | 2 22-10-2018       |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 21-12-2018  | 48,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     |      | 0            | 0             | 1 22-10-2018       |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 21-12-2018  | 48,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,1900     |      | 7            | 0             | 10 22-10-2018      |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 21-12-2018  | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     |      | 0            | 0             | 118 22-10-2018     |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 21-12-2018  | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,1300     |      | 9            | 0             | 129 22-10-2018     |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 21-12-2018  | 55,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 0             | 5 22-10-2018       |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 21-12-2018  | 55,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,0900    |      | 14           | 0             | 12 22-10-2018      |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 21-12-2018  | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0 22-10-2018       |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 21-12-2018  | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 19,0800    |      | 19           | 0             | 0 22-10-2018       |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 18-1-2019   | 34,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,2500     |      | 7            | 0             | 0 22-10-2018       |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 18-1-2019   | 34,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3000     |      | 0            | 0             | 0 22-10-2018       |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 18-1-2019   | 36,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,4400     |      | 5            | 0             | 0 22-10-2018       |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 18-1-2019   | 36,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5000     |      | 1            | 0             | 0 22-10-2018       |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 18-1-2019   | 38,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,7900     |      | 4            | 0             | 0 22-10-2018       |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 18-1-2019   | 38,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8500     |      | 1            | 0             | 0 22-10-2018       |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 18-1-2019   | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4000     |      | 2            | 0             | 0 22-10-2018       |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 18-1-2019   | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4700     |      | 1            | 0             | 0 22-10-2018       |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 18-1-2019   | 41,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8500     |      | 2            | 0             | 0 22-10-2018       |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 18-1-2019   | 41,0000        | P                 | EUR               | 1,8700 | 1,8700 | 1,8700 | 1           | 1,8700 | 1,9100     |      | 2            | 1             | 1 22-10-2018       |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 18-1-2019   | 42,0000        | C                 | EUR               | 1,3800 | 1,3800 | 1,3800 | 1           | 1,3800 | 1,3800     |      | 1            | 1             | 1 22-10-2018       |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 18-1-2019   | 42,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4500     |      | 2            | 0             | 0 22-10-2018       |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 18-1-2019   | 43,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0200     |      | 1            | 0             | 0 22-10-2018       |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 18-1-2019   | 43,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0900     |      | 3            | 0             | 0 22-10-2018       |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 18-1-2019   | 44,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7200     |      | 1            | 0             | 0 22-10-2018       |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 18-1-2019   | 44,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,7900     |      | 4            | 0             | 0 22-10-2018       |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 18-1-2019   | 46,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3400     |      | 0            | 0             | 0 22-10-2018       |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 18-1-2019   | 46,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,4200     |      | 5            | 0             | 0 22-10-2018       |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 18-1-2019   | 48,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1600     |      | 0            | 0             | 0 22-10-2018       |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 18-1-2019   | 48,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,2400     |      | 7            | 0             | 0 22-10-2018       |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 15-3-2019   | 28,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,0900    |      | 13           | 0             | 27 22-10-2018      |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 15-3-2019   | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1400     |      | 0            | 0             | 85 22-10-2018      |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 15-3-2019   | 30,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,1500    |      | 11           | 0             | 4 22-10-2018       |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 15-3-2019   | 30,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2100     |      | 0            | 0             | 82 22-10-2018      |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 15-3-2019   | 35,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,5500     |      | 7            | 0             | 13 22-10-2018      |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 15-3-2019   | 35,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6200     |      | 1            | 0             | 199 22-10-2018     |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 15-3-2019   | 36,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,7200     |      | 6            | 0             | 32 22-10-2018      |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 15-3-2019   | 36,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7900     |      | 1            | 0             | 54 22-10-2018      |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 15-3-2019   | 38,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,1700     |      | 4            | 0             | 97 22-10-2018      |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 15-3-2019   | 38,0000        | P                 | EUR               | 1,3200 | 1,3200 | 1,3200 | 1           | 1,3200 | 1,2400     |      | 1            | 7             | 256 22-10-2018     |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 15-3-2019   | 40,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8500     |      | 3            | 0             | 415 22-10-2018     |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 15-3-2019   | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9300     |      | 2            | 0             | 665 22-10-2018     |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 15-3-2019   | 42,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8500     |      | 2            | 0             | 204 22-10-2018     |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 15-3-2019   | 42,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9300     |      | 3            | 0             | 117 22-10-2018     |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 15-3-2019   | 44,0000        | C                 | EUR               | 1,3900 | 1,3900 | 1,3900 | 2           | 1,3900 | 1,1200     |      | 1            | 45            | 634 22-10-2018     |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 15-3-2019   | 44,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,2100     |      | 4            | 0             | 254 22-10-2018     |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 15-3-2019   | 46,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6500     |      | 1            | 0             | 165 22-10-2018     |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 15-3-2019   | 46,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,7400     |      | 6            | 0             | 10 22-10-2018      |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 15-3-2019   | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1900     |      | 0            | 0             | 41 22-10-2018      |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 15-3-2019   | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,2900     |      | 9            | 0             | 57 22-10-2018      |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 15-3-2019   | 55,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     |      | 0            | 0             | 13 22-10-2018      |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 15-3-2019   | 55,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,1500    |      | 14           | 0             | 2 22-10-2018       |
| O                | VPK                       | KONINKLIJKE VOPAK NV | 15-3-2019   | 60,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0</           |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name                       | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|---------------------------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | VPK                       | KONINKLIJKE VOPAK NV                  | 21-6-2019   | 40,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9400     |      | 3            | 0             | 34 22-10-2018      |
| O                | VPK                       | KONINKLIJKE VOPAK NV                  | 21-6-2019   | 42,0000        | C                 | EUR               | 2,1800 | 2,1800 | 2,1800 | 1           | 2,1800 | 2,2400     |      | 2            | 1             | 51 22-10-2018      |
| O                | VPK                       | KONINKLIJKE VOPAK NV                  | 21-6-2019   | 42,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,0600     |      | 4            | 0             | 16 22-10-2018      |
| O                | VPK                       | KONINKLIJKE VOPAK NV                  | 21-6-2019   | 44,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5000     |      | 2            | 0             | 30 22-10-2018      |
| O                | VPK                       | KONINKLIJKE VOPAK NV                  | 21-6-2019   | 44,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,3800     |      | 5            | 0             | 1 22-10-2018       |
| O                | VPK                       | KONINKLIJKE VOPAK NV                  | 21-6-2019   | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3800     |      | 0            | 0             | 9 22-10-2018       |
| O                | VPK                       | KONINKLIJKE VOPAK NV                  | 21-6-2019   | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,3600    |      | 10           | 0             | 0 22-10-2018       |
| O                | VPK                       | KONINKLIJKE VOPAK NV                  | 21-6-2019   | 55,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     |      | 0            | 0             | 0 22-10-2018       |
| O                | VPK                       | KONINKLIJKE VOPAK NV                  | 21-6-2019   | 55,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,1100    |      | 15           | 0             | 61 22-10-2018      |
| F                | VQ8                       | Microsoft - Dividend Future           | 18-1-2019   | 0,0000         | USD               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7200     |      | 2            | 0             | 0 22-10-2018       |
| F                | VQ8                       | Microsoft - Dividend Future           | 17-1-2020   | 0,0000         | USD               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0500     |      | 2            | 0             | 0 22-10-2018       |
| F                | VQ8                       | Microsoft - Dividend Future           | 15-1-2021   | 0,0000         | USD               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0500     |      | 2            | 0             | 0 22-10-2018       |
| F                | VQ8                       | Microsoft - Dividend Future           | 21-1-2022   | 0,0000         | USD               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0500     |      | 2            | 0             | 0 22-10-2018       |
| F                | VQ8                       | Microsoft - Dividend Future           | 20-1-2023   | 0,0000         | USD               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0500     |      | 2            | 0             | 0 22-10-2018       |
| F                | VR8                       | Exxon Mobil - Dividend Future         | 18-1-2019   | 0,0000         | USD               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2300     |      | 3            | 0             | 0 22-10-2018       |
| F                | VR8                       | Exxon Mobil - Dividend Future         | 17-1-2020   | 0,0000         | USD               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2600     |      | 3            | 0             | 0 22-10-2018       |
| F                | VR8                       | Exxon Mobil - Dividend Future         | 15-1-2021   | 0,0000         | USD               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3700     |      | 3            | 0             | 0 22-10-2018       |
| F                | VR8                       | Exxon Mobil - Dividend Future         | 21-1-2022   | 0,0000         | USD               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3700     |      | 3            | 0             | 0 22-10-2018       |
| F                | VR8                       | Exxon Mobil - Dividend Future         | 20-1-2023   | 0,0000         | USD               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3700     |      | 3            | 0             | 0 22-10-2018       |
| F                | VS8                       | Johnson&Johnson - Dividend Future     | 18-1-2019   | 0,0000         | USD               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5400     |      | 4            | 0             | 0 22-10-2018       |
| F                | VS8                       | Johnson&Johnson - Dividend Future     | 17-1-2020   | 0,0000         | USD               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,7800     |      | 4            | 0             | 0 22-10-2018       |
| F                | VS8                       | Johnson&Johnson - Dividend Future     | 15-1-2021   | 0,0000         | USD               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,0200     |      | 4            | 0             | 0 22-10-2018       |
| F                | VS8                       | Johnson&Johnson - Dividend Future     | 21-1-2022   | 0,0000         | USD               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,0200     |      | 4            | 0             | 0 22-10-2018       |
| F                | VS8                       | Johnson&Johnson - Dividend Future     | 20-1-2023   | 0,0000         | USD               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,0200     |      | 4            | 0             | 0 22-10-2018       |
| F                | VT6                       | Voestalpine AG - Stock Future         | 16-11-2018  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 34,7305    |      | 35           | 0             | 0 22-10-2018       |
| F                | VT6                       | Voestalpine AG - Stock Future         | 21-12-2018  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 34,7172    |      | 35           | 0             | 0 22-10-2018       |
| F                | VT6                       | Voestalpine AG - Stock Future         | 18-1-2019   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 34,7065    |      | 35           | 0             | 0 22-10-2018       |
| F                | VT6                       | Voestalpine AG - Stock Future         | 15-3-2019   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 34,6948    |      | 35           | 0             | 0 22-10-2018       |
| F                | VT6                       | Voestalpine AG - Stock Future         | 21-6-2019   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 34,6641    |      | 35           | 0             | 0 22-10-2018       |
| F                | VT6                       | Voestalpine AG - Stock Future         | 20-9-2019   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 33,1865    |      | 33           | 0             | 0 22-10-2018       |
| F                | VU8                       | JPMorgan Chase & Co - Dividend Future | 18-1-2019   | 0,0000         | USD               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5400     |      | 3            | 0             | 0 22-10-2018       |
| F                | VU8                       | JPMorgan Chase & Co - Dividend Future | 17-1-2020   | 0,0000         | USD               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2800     |      | 2            | 0             | 0 22-10-2018       |
| F                | VU8                       | JPMorgan Chase & Co - Dividend Future | 15-1-2021   | 0,0000         | USD               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2800     |      | 2            | 0             | 0 22-10-2018       |
| F                | VU8                       | JPMorgan Chase & Co - Dividend Future | 21-1-2022   | 0,0000         | USD               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2800     |      | 2            | 0             | 0 22-10-2018       |
| F                | VU8                       | JPMorgan Chase & Co - Dividend Future | 20-1-2023   | 0,0000         | USD               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2800     |      | 2            | 0             | 0 22-10-2018       |
| F                | VV6                       | Volvo B - Stock Future                | 16-11-2018  | 0,0000         | SEK               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 133,7635   |      | 134          | 0             | 0 22-10-2018       |
| F                | VV6                       | Volvo B - Stock Future                | 21-12-2018  | 0,0000         | SEK               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 133,7173   |      | 134          | 0             | 0 22-10-2018       |
| F                | VV6                       | Volvo B - Stock Future                | 18-1-2019   | 0,0000         | SEK               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 133,6844   |      | 134          | 0             | 0 22-10-2018       |
| F                | VV6                       | Volvo B - Stock Future                | 15-3-2019   | 0,0000         | SEK               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 133,6151   |      | 134          | 0             | 0 22-10-2018       |
| F                | VV6                       | Volvo B - Stock Future                | 21-6-2019   | 0,0000         | SEK               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 128,0171   |      | 128          | 0             | 0 22-10-2018       |
| F                | VV6                       | Volvo B - Stock Future                | 20-9-2019   | 0,0000         | SEK               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 127,9624   |      | 128          | 0             | 0 22-10-2018       |
| F                | VV8                       | Volvo B - Dividend Future             | 21-12-2018  | 0,0000         | SEK               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,2500     |      | 4            | 0             | 0 22-10-2018       |
| F                | VV8                       | Volvo B - Dividend Future             | 20-12-2019  | 0,0000         | SEK               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,5000     |      | 5            | 0             | 0 22-10-2018       |
| F                | VV8                       | Volvo B - Dividend Future             | 18-12-2020  | 0,0000         | SEK               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,7500     |      | 5            | 0             | 0 22-10-2018       |
| F                | VV8                       | Volvo B - Dividend Future             | 17-12-2021  | 0,0000         | SEK               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,0000     |      | 5            | 0             | 0 22-10-2018       |
| F                | VV8                       | Volvo B - Dividend Future             | 16-12-2022  | 0,0000         | SEK               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,0000     |      | 5            | 0             | 0 22-10-2018       |
| F                | VW6                       | Volkswagen AG - PREF - Stock Future   | 16-11-2018  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 142,3010   |      | 142          | 0             | 0 22-10-2018       |
| F                | VW6                       | Volkswagen AG - PREF - Stock Future   | 21-12-2018  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 142,2464   |      | 142          | 0             | 0 22-10-2018       |
| F                | VW6                       | Volkswagen AG - PREF - Stock Future   | 18-1-2019   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 142,2028   |      | 142          | 0             | 0 22-10-2018       |
| F                | VW6                       | Volkswagen AG - PREF - Stock Future   | 15-3-2019   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 142,1548   |      | 142          | 0             | 0 22-10-2018       |
| F                | VW6                       | Volkswagen AG - PREF - Stock Future   | 21-6-2019   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 137,8307   |      | 138          | 0             | 0 22-10-2018       |
| F                | VW6                       | Volkswagen AG - PREF - Stock Future   | 20-9-2019   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 137,7173   |      | 138          | 0             | 0 22-10-2018       |
| F                | VW8                       | Volkswagen pref - Dividend Future     | 21-12-2018  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9600     |      | 4            | 0             | 0 22-10-2018       |
| F                | VW8                       | Volkswagen pref - Dividend Future     | 20-12-2019  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,1000     |      | 5            | 0             | 0 22-10-2018       |
| F                | VW8                       | Volkswagen pref - Dividend Future     | 18-12-2020  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5000     |      | 4            | 0             | 0 22-10-2018       |
| F                | VW8                       | Volkswagen pref - Dividend Future     | 17-12-2021  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5000     |      | 4            | 0             | 0 22-10-2018       |
| F                | VW8                       | Volkswagen pref - Dividend Future     | 16-12-2022  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5000     |      | 4            | 0             | 0 22-10-2018       |
| O                | VWQ                       | Volkswagen pref - Stock Option        | 16-11-2018  | 120,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,6500    |      | 23           | 0             | 0 22-10-2018       |
| O                | VWQ                       | Volkswagen pref - Stock Option        | 16-11-2018  | 120,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3300     |      | 0            | 0             | 0 22-10-2018       |
| O                | VWQ                       | Volkswagen pref - Stock Option        | 16-11-2018  | 125,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,9400    |      | 18           | 0             | 0 22-10-2018       |
| O                | VWQ                       | Volkswagen pref - Stock Option        | 16-11-2018  | 125,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6200     |      | 1            | 0             | 0 22-10-2018       |
| O                | VWQ                       | Volkswagen pref - Stock Option        | 16-11-2018  | 130,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,4900    |      | 13           | 0             | 0 22-10-2018       |
| O                | VWQ                       | Volkswagen pref - Stock Option        | 16-11-2018  | 130,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1800     |      | 1            | 0             | 0 22-10-2018       |
| O                | VWQ                       | Volkswagen pref - Stock Option        | 16-11-2018  | 132,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,8300    |      | 12           | 0             | 0 22-10-2018       |
| O                | VWQ                       | Volkswagen pref - Stock Option        | 16-11-2018  | 132,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5300     |      | 2            | 0             | 0 22-10-2018       |
| O                | VWQ                       | Volkswagen pref - Stock Option        | 16-11-2018  | 134,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,2800    |      | 10           | 0             | 0 22-10-2018       |
| O                | VWQ                       | Volkswagen pref - Stock Option        | 16-11-2018  | 134,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9700     |      | 2            | 0             | 0 22-10-2018       |
| O                | VWQ                       | Volkswagen pref - Stock Option        | 16-11-2018  | 136,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,7900     |      | 9            | 0             | 0 22-10-2018       |
| O                | VWQ                       | Volkswagen pref - Stock Option        | 16-11-2018  | 136,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4800     |      | 2            | 0             | 0 22-10-2018       |
| O                | VWQ                       | Volkswagen pref - Stock Option        | 16-11-2018  | 138,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,3700     |      | 7            | 0             | 0 22-10-2018       |
| O                | VWQ                       | Volkswagen pref - Stock Option        | 16-11-2018  | 138,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0700     |      | 3            | 0             | 1 22-10-2018       |
| O                | VWQ                       | Volkswagen pref - Stock Option        | 16-11-2018  | 140,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,1300     |      | 6            | 0             | 0 22-10-2018       |
| O                | VWQ                       | Volkswagen pref - Stock Option        | 16-11-2018  | 140,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8200     |      | 4            | 0             | 0 22-10-2018       |
| O                | VWQ                       | Volkswagen pref - Stock Option        | 16-11-2018  | 142,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,1700     |      | 5            | 0             | 0 22-10-2018       |
| O                | VWQ                       | Volkswagen pref                       |             |                |                   |                   |        |        |        |             |        |            |      |              |               |                    |



Euronext Amsterdam N.V. – Beursplein 5, Amsterdam – Tel: +31 (0) 20 721 4444



Euronext Amsterdam N.V. – Beursplein 5, Amsterdam – Tel: +31 (0) 20 721 4444



| Instrument Type* | Instrument Trading Symbol | Instrument Name                | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|--------------------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | VWQ                       | Volkswagen pref - Stock Option | 21-6-2019   | 165,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,0300     |      | 4            | 0             | 1 22-10-2018       |
| O                | VWQ                       | Volkswagen pref - Stock Option | 21-6-2019   | 165,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 30,9300    |      | 31           | 0             | 1 22-10-2018       |
| O                | VWQ                       | Volkswagen pref - Stock Option | 21-6-2019   | 170,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1800     |      | 3            | 0             | 27 22-10-2018      |
| O                | VWQ                       | Volkswagen pref - Stock Option | 21-6-2019   | 170,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 35,1900    |      | 35           | 0             | 2 22-10-2018       |
| O                | VWQ                       | Volkswagen pref - Stock Option | 21-6-2019   | 180,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9900     |      | 2            | 0             | 20 22-10-2018      |
| O                | VWQ                       | Volkswagen pref - Stock Option | 21-6-2019   | 180,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 44,1200    |      | 44           | 0             | 0 22-10-2018       |
| O                | VWQ                       | Volkswagen pref - Stock Option | 21-6-2019   | 190,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2700     |      | 1            | 0             | 40 22-10-2018      |
| O                | VWQ                       | Volkswagen pref - Stock Option | 21-6-2019   | 190,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 53,4900    |      | 53           | 0             | 0 22-10-2018       |
| O                | VWQ                       | Volkswagen pref - Stock Option | 21-6-2019   | 200,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8100     |      | 1            | 0             | 0 22-10-2018       |
| O                | VWQ                       | Volkswagen pref - Stock Option | 21-6-2019   | 200,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 63,0800    |      | 63           | 0             | 0 22-10-2018       |
| O                | VWQ                       | Volkswagen pref - Stock Option | 21-6-2019   | 220,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3500     |      | 0            | 0             | 20 22-10-2018      |
| O                | VWQ                       | Volkswagen pref - Stock Option | 21-6-2019   | 220,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 82,6900    |      | 83           | 0             | 0 22-10-2018       |
| O                | VWQ                       | Volkswagen pref - Stock Option | 21-6-2019   | 250,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     |      | 0            | 0             | 0 22-10-2018       |
| O                | VWQ                       | Volkswagen pref - Stock Option | 21-6-2019   | 250,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 112,4900   |      | 112          | 0             | 0 22-10-2018       |
| O                | VWQ                       | Volkswagen pref - Stock Option | 21-6-2019   | 300,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0 22-10-2018       |
| O                | VWQ                       | Volkswagen pref - Stock Option | 21-6-2019   | 300,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 162,5300   |      | 163          | 0             | 0 22-10-2018       |
| O                | VWQ                       | Volkswagen pref - Stock Option | 20-9-2019   | 115,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 29,7800    |      | 30           | 0             | 0 22-10-2018       |
| O                | VWQ                       | Volkswagen pref - Stock Option | 20-9-2019   | 115,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,8800     |      | 5            | 0             | 0 22-10-2018       |
| O                | VWQ                       | Volkswagen pref - Stock Option | 20-9-2019   | 120,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 25,8000    |      | 26           | 0             | 0 22-10-2018       |
| O                | VWQ                       | Volkswagen pref - Stock Option | 20-9-2019   | 120,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,2900     |      | 6            | 0             | 0 22-10-2018       |
| O                | VWQ                       | Volkswagen pref - Stock Option | 20-9-2019   | 130,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,9800    |      | 19           | 0             | 0 22-10-2018       |
| O                | VWQ                       | Volkswagen pref - Stock Option | 20-9-2019   | 130,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,0800    |      | 10           | 0             | 0 22-10-2018       |
| O                | VWQ                       | Volkswagen pref - Stock Option | 20-9-2019   | 135,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,0000    |      | 16           | 0             | 0 22-10-2018       |
| O                | VWQ                       | Volkswagen pref - Stock Option | 20-9-2019   | 135,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,3900    |      | 12           | 0             | 0 22-10-2018       |
| O                | VWQ                       | Volkswagen pref - Stock Option | 20-9-2019   | 140,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,6500    |      | 14           | 0             | 0 22-10-2018       |
| O                | VWQ                       | Volkswagen pref - Stock Option | 20-9-2019   | 140,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,2900    |      | 15           | 0             | 0 22-10-2018       |
| O                | VWQ                       | Volkswagen pref - Stock Option | 20-9-2019   | 145,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,3600    |      | 11           | 0             | 0 22-10-2018       |
| O                | VWQ                       | Volkswagen pref - Stock Option | 20-9-2019   | 145,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,1700    |      | 18           | 0             | 0 22-10-2018       |
| O                | VWQ                       | Volkswagen pref - Stock Option | 20-9-2019   | 150,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,3600     |      | 9            | 0             | 0 22-10-2018       |
| O                | VWQ                       | Volkswagen pref - Stock Option | 20-9-2019   | 150,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,3300    |      | 21           | 0             | 0 22-10-2018       |
| O                | VWQ                       | Volkswagen pref - Stock Option | 20-9-2019   | 155,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,7700     |      | 8            | 0             | 0 22-10-2018       |
| O                | VWQ                       | Volkswagen pref - Stock Option | 20-9-2019   | 155,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 24,8600    |      | 25           | 0             | 0 22-10-2018       |
| O                | VWQ                       | Volkswagen pref - Stock Option | 20-9-2019   | 160,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,4100     |      | 6            | 0             | 0 22-10-2018       |
| O                | VWQ                       | Volkswagen pref - Stock Option | 20-9-2019   | 160,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 28,5900    |      | 29           | 0             | 0 22-10-2018       |
| O                | VWQ                       | Volkswagen pref - Stock Option | 20-9-2019   | 165,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,1900     |      | 5            | 0             | 0 22-10-2018       |
| O                | VWQ                       | Volkswagen pref - Stock Option | 20-9-2019   | 165,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 32,4400    |      | 32           | 0             | 0 22-10-2018       |
| O                | VWQ                       | Volkswagen pref - Stock Option | 20-9-2019   | 170,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,2900     |      | 4            | 0             | 0 22-10-2018       |
| O                | VWQ                       | Volkswagen pref - Stock Option | 20-9-2019   | 170,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 36,5900    |      | 37           | 0             | 0 22-10-2018       |
| O                | VWQ                       | Volkswagen pref - Stock Option | 20-9-2019   | 180,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9000     |      | 3            | 0             | 0 22-10-2018       |
| O                | VWQ                       | Volkswagen pref - Stock Option | 20-9-2019   | 180,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 45,2700    |      | 45           | 0             | 0 22-10-2018       |
| O                | VWQ                       | Volkswagen pref - Stock Option | 20-9-2019   | 190,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9600     |      | 2            | 0             | 20 22-10-2018      |
| O                | VWQ                       | Volkswagen pref - Stock Option | 20-9-2019   | 190,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 54,3800    |      | 54           | 0             | 0 22-10-2018       |
| O                | VWQ                       | Volkswagen pref - Stock Option | 20-12-2019  | 100,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 43,0200    |      | 43           | 0             | 0 22-10-2018       |
| O                | VWQ                       | Volkswagen pref - Stock Option | 20-12-2019  | 100,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4900     |      | 2            | 0             | 20 22-10-2018      |
| O                | VWQ                       | Volkswagen pref - Stock Option | 20-12-2019  | 110,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 34,1900    |      | 34           | 0             | 0 22-10-2018       |
| O                | VWQ                       | Volkswagen pref - Stock Option | 20-12-2019  | 110,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,4200     |      | 4            | 0             | 0 22-10-2018       |
| O                | VWQ                       | Volkswagen pref - Stock Option | 20-12-2019  | 120,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 26,6200    |      | 27           | 0             | 0 22-10-2018       |
| O                | VWQ                       | Volkswagen pref - Stock Option | 20-12-2019  | 120,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,6600     |      | 8            | 0             | 85 22-10-2018      |
| O                | VWQ                       | Volkswagen pref - Stock Option | 20-12-2019  | 130,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 19,6700    |      | 20           | 0             | 0 22-10-2018       |
| O                | VWQ                       | Volkswagen pref - Stock Option | 20-12-2019  | 130,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,2200    |      | 11           | 0             | 0 22-10-2018       |
| O                | VWQ                       | Volkswagen pref - Stock Option | 20-12-2019  | 140,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,4600    |      | 14           | 0             | 102 22-10-2018     |
| O                | VWQ                       | Volkswagen pref - Stock Option | 20-12-2019  | 140,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,4100    |      | 16           | 0             | 0 22-10-2018       |
| O                | VWQ                       | Volkswagen pref - Stock Option | 20-12-2019  | 150,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,4500    |      | 10           | 0             | 0 22-10-2018       |
| O                | VWQ                       | Volkswagen pref - Stock Option | 20-12-2019  | 150,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,6400    |      | 23           | 0             | 0 22-10-2018       |
| O                | VWQ                       | Volkswagen pref - Stock Option | 20-12-2019  | 160,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,6600     |      | 8            | 0             | 0 22-10-2018       |
| O                | VWQ                       | Volkswagen pref - Stock Option | 20-12-2019  | 160,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 30,0000    |      | 30           | 0             | 3 22-10-2018       |
| O                | VWQ                       | Volkswagen pref - Stock Option | 20-12-2019  | 170,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,2900     |      | 5            | 0             | 0 22-10-2018       |
| O                | VWQ                       | Volkswagen pref - Stock Option | 20-12-2019  | 170,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 37,7000    |      | 38           | 0             | 0 22-10-2018       |
| O                | VWQ                       | Volkswagen pref - Stock Option | 20-12-2019  | 180,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,7300     |      | 4            | 0             | 21 22-10-2018      |
| O                | VWQ                       | Volkswagen pref - Stock Option | 20-12-2019  | 180,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 46,1900    |      | 46           | 0             | 6 22-10-2018       |
| O                | VWQ                       | Volkswagen pref - Stock Option | 20-12-2019  | 190,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6300     |      | 3            | 0             | 0 22-10-2018       |
| O                | VWQ                       | Volkswagen pref - Stock Option | 20-12-2019  | 190,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 55,1300    |      | 55           | 0             | 0 22-10-2018       |
| O                | VWQ                       | Volkswagen pref - Stock Option | 20-12-2019  | 200,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8300     |      | 2            | 0             | 1 22-10-2018       |
| O                | VWQ                       | Volkswagen pref - Stock Option | 20-12-2019  | 200,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 64,3700    |      | 64           | 0             | 0 22-10-2018       |
| O                | VWQ                       | Volkswagen pref - Stock Option | 20-12-2019  | 220,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9400     |      | 1            | 0             | 0 22-10-2018       |
| O                | VWQ                       | Volkswagen pref - Stock Option | 20-12-2019  | 220,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 83,5500    |      | 84           | 0             | 0 22-10-2018       |
| O                | VWQ                       | Volkswagen pref - Stock Option | 20-12-2019  | 250,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3300     |      | 0            | 0             | 0 22-10-2018       |
| O                | VWQ                       | Volkswagen pref - Stock Option | 20-12-2019  | 250,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 113,0400   |      | 113          | 0             | 0 22-10-2018       |
| O                | VWQ                       | Volkswagen pref - Stock Option | 20-12-2019  | 300,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     |      | 0            | 0             | 0 22-10-2018       |
| O                | VWQ                       | Volkswagen pref - Stock Option | 20-12-2019  | 300,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 162,9300   |      | 163          | 0             | 0 22-10-2018       |
| O                | VWQ                       | Volkswagen pref - Stock Option | 19-6-2020   | 100,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 43,2300    |      | 43           | 0             | 0 22-10-2018       |
| O                | VWQ                       | Volkswagen pref - Stock Option | 19-6-2020   | 100,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,6200     |      | 5            | 0             | 0 22-10-2018       |
| O                | VWQ                       | Volkswagen pref - Stock Option | 19-6-2020   | 110,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 34,7100    |      | 35           | 0             | 0 22-10-2018       |
| O                | VWQ                       | Volkswagen pref - Stock Option | 19-6-2020   | 110,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,4400     |      | 7            | 0             | 0 22-10-2018       |
| O                | VWQ                       | Volkswagen pref - Stock Option | 19-6-2020   | 120,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 27,2800    |      | 27           | 0             | 0 22-10-2018       |
| O                | VWQ                       | Volkswagen pref - Stock Option | 19-6-2020   | 120,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,0800    |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name                    | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|------------------------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | VWQ                       | Volkswagen pref - Stock Option     | 19-6-2020   | 170,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 43,2600    |      | 43           | 0             | 22-10-2018         |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 19-6-2020   | 180,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,4800     |      | 5            | 0             | 22-10-2018         |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 19-6-2020   | 180,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 52,0100    |      | 52           | 0             | 22-10-2018         |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 19-6-2020   | 190,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8000     |      | 4            | 0             | 22-10-2018         |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 19-6-2020   | 190,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 60,4900    |      | 60           | 0             | 22-10-2018         |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 19-6-2020   | 200,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8500     |      | 3            | 0             | 22-10-2018         |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 19-6-2020   | 200,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 69,6500    |      | 70           | 0             | 22-10-2018         |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 19-6-2020   | 220,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5200     |      | 2            | 0             | 22-10-2018         |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 19-6-2020   | 220,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 88,5100    |      | 89           | 0             | 22-10-2018         |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 19-6-2020   | 250,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6100     |      | 1            | 0             | 22-10-2018         |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 19-6-2020   | 250,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 117,7900   |      | 118          | 0             | 22-10-2018         |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 19-6-2020   | 300,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     |      | 0            | 0             | 22-10-2018         |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 19-6-2020   | 300,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 167,5500   |      | 168          | 0             | 22-10-2018         |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 18-12-2020  | 100,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 43,6000    |      | 44           | 0             | 22-10-2018         |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 18-12-2020  | 100,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,1400     |      | 6            | 0             | 22-10-2018         |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 18-12-2020  | 110,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 35,4600    |      | 35           | 0             | 22-10-2018         |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 18-12-2020  | 110,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,2500     |      | 9            | 0             | 22-10-2018         |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 18-12-2020  | 120,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 28,4400    |      | 28           | 0             | 22-10-2018         |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 18-12-2020  | 120,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,2200    |      | 13           | 0             | 22-10-2018         |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 18-12-2020  | 130,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,6000    |      | 23           | 0             | 22-10-2018         |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 18-12-2020  | 130,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,0700    |      | 18           | 0             | 22-10-2018         |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 18-12-2020  | 140,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,8500    |      | 18           | 0             | 22-10-2018         |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 18-12-2020  | 140,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 23,7700    |      | 24           | 0             | 22-10-2018         |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 18-12-2020  | 150,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,0700    |      | 14           | 0             | 22-10-2018         |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 18-12-2020  | 150,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 30,2800    |      | 30           | 0             | 22-10-2018         |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 18-12-2020  | 160,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,0500    |      | 11           | 0             | 22-10-2018         |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 18-12-2020  | 160,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 37,4700    |      | 37           | 0             | 22-10-2018         |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 18-12-2020  | 170,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,6700     |      | 9            | 0             | 22-10-2018         |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 18-12-2020  | 170,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 45,2200    |      | 45           | 0             | 22-10-2018         |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 18-12-2020  | 180,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,8700     |      | 7            | 0             | 22-10-2018         |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 18-12-2020  | 180,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 53,5300    |      | 54           | 0             | 22-10-2018         |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 18-12-2020  | 190,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,3700     |      | 5            | 0             | 22-10-2018         |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 18-12-2020  | 190,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 62,1100    |      | 62           | 0             | 22-10-2018         |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 18-12-2020  | 200,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,1700     |      | 4            | 0             | 22-10-2018         |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 18-12-2020  | 200,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 70,9800    |      | 71           | 0             | 22-10-2018         |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 18-12-2020  | 220,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5300     |      | 3            | 0             | 22-10-2018         |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 18-12-2020  | 220,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 89,4400    |      | 89           | 0             | 22-10-2018         |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 18-12-2020  | 250,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2300     |      | 1            | 0             | 22-10-2018         |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 18-12-2020  | 250,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 118,2700   |      | 118          | 0             | 22-10-2018         |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 18-12-2020  | 300,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3600     |      | 0            | 0             | 22-10-2018         |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 18-12-2020  | 300,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 167,6000   |      | 168          | 0             | 22-10-2018         |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 18-6-2021   | 100,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 43,5500    |      | 44           | 0             | 22-10-2018         |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 18-6-2021   | 100,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,9900     |      | 9            | 0             | 22-10-2018         |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 18-6-2021   | 110,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 35,5000    |      | 36           | 0             | 22-10-2018         |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 18-6-2021   | 110,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,8000    |      | 13           | 0             | 22-10-2018         |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 18-6-2021   | 120,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 28,6400    |      | 29           | 0             | 22-10-2018         |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 18-6-2021   | 120,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,4200    |      | 17           | 0             | 22-10-2018         |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 18-6-2021   | 130,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,9300    |      | 23           | 0             | 22-10-2018         |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 18-6-2021   | 130,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,8100    |      | 23           | 0             | 22-10-2018         |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 18-6-2021   | 140,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,3300    |      | 18           | 0             | 22-10-2018         |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 18-6-2021   | 140,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 28,9400    |      | 29           | 0             | 22-10-2018         |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 18-6-2021   | 150,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,6900    |      | 15           | 0             | 22-10-2018         |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 18-6-2021   | 150,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 35,9000    |      | 36           | 0             | 22-10-2018         |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 18-6-2021   | 160,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,8000    |      | 12           | 0             | 22-10-2018         |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 18-6-2021   | 160,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 43,5000    |      | 44           | 0             | 22-10-2018         |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 18-6-2021   | 170,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 9,4100     |      | 9            | 0             | 22-10-2018         |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 18-6-2021   | 170,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 51,4700    |      | 51           | 0             | 22-10-2018         |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 18-6-2021   | 180,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,5600     |      | 8            | 0             | 22-10-2018         |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 18-6-2021   | 180,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 59,8800    |      | 60           | 0             | 22-10-2018         |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 18-6-2021   | 200,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,7900     |      | 5            | 0             | 22-10-2018         |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 18-6-2021   | 200,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 77,5100    |      | 78           | 0             | 22-10-2018         |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 18-6-2021   | 300,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5400     |      | 1            | 0             | 22-10-2018         |
| O                | VWQ                       | Volkswagen pref - Stock Option     | 18-6-2021   | 300,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 175,9500   |      | 174          | 0             | 22-10-2018         |
| F                | VX8                       | General Electric - Dividend Future | 18-1-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4800     |      | 0            | 0             | 22-10-2018         |
| F                | VX8                       | General Electric - Dividend Future | 17-1-2020   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4800     |      | 0            | 0             | 22-10-2018         |
| F                | VX8                       | General Electric - Dividend Future | 15-1-2021   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4800     |      | 0            | 0             | 22-10-2018         |
| F                | VX8                       | General Electric - Dividend Future | 21-1-2022   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4800     |      | 0            | 0             | 22-10-2018         |
| F                | VX8                       | General Electric - Dividend Future | 20-1-2023   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4800     |      | 0            | 0             | 22-10-2018         |
| F                | VY8                       | AT&T - Dividend Future             | 18-1-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0100     |      | 2            | 0             | 22-10-2018         |
| F                | VY8                       | AT&T - Dividend Future             | 17-1-2020   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0500     |      | 2            | 0             | 22-10-2018         |
| F                | VY8                       | AT&T - Dividend Future             | 15-1-2021   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0900     |      | 2            | 0             | 22-10-2018         |
| F                | VY8                       | AT&T - Dividend Future             | 21-1-2022   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0900     |      | 2            | 0             | 22-10-2018         |
| F                | VY8                       | AT&T - Dividend Future             | 20-1-2023   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0900     |      | 2            | 0             | 22-10-2018         |
| F                | VZ8                       | Wells Fargo & Co - Dividend Future | 18-1-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6800     |      | 2            | 0             | 22-10-2018         |
| F                | VZ8                       | Wells Fargo & Co - Dividend Future | 17-1-2020   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7000     |      | 2            | 0             | 22-10-2018         |
| F                | VZ8                       | Wells Fargo & Co - Dividend Future | 15-1-2021   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7000     |      | 2            | 0             | 22-10-2018         |
| F                | VZ8                       | Wells Fargo & Co - Dividend Future | 21-1-2022   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7000     |      | 2            | 0             |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name                | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|--------------------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| F                | WB6                       | Wienerberger AG - Stock Future | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 20,3466    | 20   | 0            | 0             | 22-10-2018         |
| F                | WB6                       | Wienerberger AG - Stock Future | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 20,3404    | 20   | 0            | 0             | 22-10-2018         |
| F                | WB6                       | Wienerberger AG - Stock Future | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 20,3335    | 20   | 0            | 0             | 22-10-2018         |
| F                | WB6                       | Wienerberger AG - Stock Future | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 19,9157    | 20   | 0            | 0             | 22-10-2018         |
| F                | WB6                       | Wienerberger AG - Stock Future | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 19,8993    | 20   | 0            | 0             | 22-10-2018         |
| F                | WD6                       | Swedbank A - Stock Future      | 16-11-2018  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 192,4475   | 192  | 0            | 0             | 22-10-2018         |
| F                | WD6                       | Swedbank A - Stock Future      | 21-12-2018  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 192,3810   | 192  | 0            | 0             | 22-10-2018         |
| F                | WD6                       | Swedbank A - Stock Future      | 18-1-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 192,3337   | 192  | 0            | 0             | 22-10-2018         |
| F                | WD6                       | Swedbank A - Stock Future      | 15-3-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 192,2339   | 192  | 0            | 0             | 22-10-2018         |
| F                | WD6                       | Swedbank A - Stock Future      | 21-6-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 178,3977   | 178  | 0            | 0             | 22-10-2018         |
| F                | WD6                       | Swedbank A - Stock Future      | 20-9-2019   | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 178,3226   | 178  | 0            | 0             | 22-10-2018         |
| F                | WD8                       | Swedbank A - Dividend Future   | 21-12-2018  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,0000    | 13   | 0            | 0             | 22-10-2018         |
| F                | WD8                       | Swedbank A - Dividend Future   | 20-12-2019  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,8000    | 13   | 0            | 0             | 22-10-2018         |
| F                | WD8                       | Swedbank A - Dividend Future   | 18-12-2020  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,5000    | 14   | 0            | 0             | 22-10-2018         |
| F                | WD8                       | Swedbank A - Dividend Future   | 17-12-2021  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,0000    | 14   | 0            | 0             | 22-10-2018         |
| F                | WD8                       | Swedbank A - Dividend Future   | 16-12-2022  | 0,0000         |                   | SEK               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 14,0000    | 14   | 0            | 0             | 22-10-2018         |
| O                | WES                       | WESSANEN N.V.                  | 16-11-2018  | 7,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6400     | 2    | 0            | 26            | 22-10-2018         |
| O                | WES                       | WESSANEN N.V.                  | 16-11-2018  | 7,2000         | P                 | EUR               | 0,0900 | 0,0900 | 0,0900 | 1           | 0,0900 | 0,0500     | 0    | 10           | 11            | 22-10-2018         |
| O                | WES                       | WESSANEN N.V.                  | 16-11-2018  | 7,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2900     | 1    | 0            | 22            | 22-10-2018         |
| O                | WES                       | WESSANEN N.V.                  | 16-11-2018  | 7,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     | 0    | 0            | 30            | 22-10-2018         |
| O                | WES                       | WESSANEN N.V.                  | 16-11-2018  | 8,0000         | C                 | EUR               | 1,1500 | 1,1500 | 1,1500 | 1           | 1,1500 | 0,9500     | 1    | 1            | 91            | 22-10-2018         |
| O                | WES                       | WESSANEN N.V.                  | 16-11-2018  | 8,0000         | P                 | EUR               | 0,2300 | 0,2300 | 0,1000 | 2           | 0,1000 | 0,1600     | 0    | 3            | 12            | 22-10-2018         |
| O                | WES                       | WESSANEN N.V.                  | 16-11-2018  | 8,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8000     | 1    | 0            | 2             | 22-10-2018         |
| O                | WES                       | WESSANEN N.V.                  | 16-11-2018  | 8,2000         | P                 | EUR               | 0,3000 | 0,3000 | 0,3000 | 1           | 0,3000 | 0,2100     | 0    | 31           | 58            | 22-10-2018         |
| O                | WES                       | WESSANEN N.V.                  | 16-11-2018  | 8,4000         | C                 | EUR               | 0,5500 | 0,8500 | 0,4500 | 11          | 0,8500 | 0,6500     | 1    | 33           | 94            | 22-10-2018         |
| O                | WES                       | WESSANEN N.V.                  | 16-11-2018  | 8,4000         | P                 | EUR               | 0,3800 | 0,3800 | 0,2200 | 2           | 0,2200 | 0,2600     | 0    | 5            | 100           | 22-10-2018         |
| O                | WES                       | WESSANEN N.V.                  | 16-11-2018  | 8,6000         | C                 | EUR               | 0,3900 | 0,6000 | 0,3500 | 5           | 0,6000 | 0,5300     | 1    | 17           | 24            | 22-10-2018         |
| O                | WES                       | WESSANEN N.V.                  | 16-11-2018  | 8,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3400     | 0    | 0            | 37            | 22-10-2018         |
| O                | WES                       | WESSANEN N.V.                  | 16-11-2018  | 8,8000         | C                 | EUR               | 0,2700 | 0,6000 | 0,2700 | 4           | 0,6000 | 0,4200     | 0    | 22           | 171           | 22-10-2018         |
| O                | WES                       | WESSANEN N.V.                  | 16-11-2018  | 8,8000         | P                 | EUR               | 0,3700 | 0,3700 | 0,2900 | 6           | 0,3500 | 0,4300     | 0    | 27           | 61            | 22-10-2018         |
| O                | WES                       | WESSANEN N.V.                  | 16-11-2018  | 9,0000         | C                 | EUR               | 0,2300 | 0,5000 | 0,2100 | 37          | 0,3500 | 0,3300     | 0    | 125          | 146           | 22-10-2018         |
| O                | WES                       | WESSANEN N.V.                  | 16-11-2018  | 9,0000         | P                 | EUR               | 0,4500 | 0,4500 | 0,4500 | 1           | 0,4500 | 0,5400     | 1    | 39           | 114           | 22-10-2018         |
| O                | WES                       | WESSANEN N.V.                  | 16-11-2018  | 9,2000         | C                 | EUR               | 0,2000 | 0,3400 | 0,1600 | 23          | 0,2700 | 0,2500     | 0    | 53           | 70            | 22-10-2018         |
| O                | WES                       | WESSANEN N.V.                  | 16-11-2018  | 9,2000         | P                 | EUR               | 0,5000 | 0,5000 | 0,5000 | 1           | 0,5000 | 0,6600     | 1    | 1            | 88            | 22-10-2018         |
| O                | WES                       | WESSANEN N.V.                  | 16-11-2018  | 9,4000         | C                 | EUR               | 0,1300 | 0,3000 | 0,1300 | 6           | 0,3000 | 0,2000     | 0    | 51           | 72            | 22-10-2018         |
| O                | WES                       | WESSANEN N.V.                  | 16-11-2018  | 9,4000         | P                 | EUR               | 0,7600 | 0,7600 | 0,6000 | 7           | 0,6000 | 0,8100     | 1    | 50           | 48            | 22-10-2018         |
| O                | WES                       | WESSANEN N.V.                  | 16-11-2018  | 9,6000         | C                 | EUR               | 0,0900 | 0,2500 | 0,0900 | 18          | 0,1900 | 0,1600     | 0    | 83           | 60            | 22-10-2018         |
| O                | WES                       | WESSANEN N.V.                  | 16-11-2018  | 9,6000         | P                 | EUR               | 1,2200 | 1,2200 | 0,7000 | 5           | 0,8000 | 0,9700     | 1    | 9            | 43            | 22-10-2018         |
| O                | WES                       | WESSANEN N.V.                  | 16-11-2018  | 9,8000         | C                 | EUR               | 0,0900 | 0,1700 | 0,0900 | 4           | 0,1700 | 0,1200     | 0    | 42           | 63            | 22-10-2018         |
| O                | WES                       | WESSANEN N.V.                  | 16-11-2018  | 9,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1300     | 1    | 0            | 38            | 22-10-2018         |
| O                | WES                       | WESSANEN N.V.                  | 16-11-2018  | 10,0000        | C                 | EUR               | 0,1100 | 0,1400 | 0,1100 | 5           | 0,1400 | 0,1000     | 0    | 7            | 84            | 22-10-2018         |
| O                | WES                       | WESSANEN N.V.                  | 16-11-2018  | 10,0000        | P                 | EUR               | 1,1500 | 1,3000 | 1,0000 | 7           | 1,3000 | 1,3000     | 1    | 57           | 410           | 22-10-2018         |
| O                | WES                       | WESSANEN N.V.                  | 16-11-2018  | 10,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     | 0    | 0            | 49            | 22-10-2018         |
| O                | WES                       | WESSANEN N.V.                  | 16-11-2018  | 10,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7500     | 2    | 0            | 211           | 22-10-2018         |
| O                | WES                       | WESSANEN N.V.                  | 16-11-2018  | 11,0000        | C                 | EUR               | 0,0300 | 0,0300 | 0,0300 | 3           | 0,0300 | 0,0200     | 0    | 3            | 76            | 22-10-2018         |
| O                | WES                       | WESSANEN N.V.                  | 16-11-2018  | 11,0000        | P                 | EUR               | 2,1500 | 2,1500 | 2,1500 | 1           | 2,1500 | 2,2300     | 2    | 2            | 62            | 22-10-2018         |
| O                | WES                       | WESSANEN N.V.                  | 16-11-2018  | 11,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 481           | 22-10-2018         |
| O                | WES                       | WESSANEN N.V.                  | 16-11-2018  | 11,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7200     | 3    | 0            | 66            | 22-10-2018         |
| O                | WES                       | WESSANEN N.V.                  | 16-11-2018  | 12,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 219           | 22-10-2018         |
| O                | WES                       | WESSANEN N.V.                  | 16-11-2018  | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2100     | 3    | 0            | 47            | 22-10-2018         |
| O                | WES                       | WESSANEN N.V.                  | 16-11-2018  | 12,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 250           | 22-10-2018         |
| O                | WES                       | WESSANEN N.V.                  | 16-11-2018  | 12,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,7100     | 4    | 0            | 57            | 22-10-2018         |
| O                | WES                       | WESSANEN N.V.                  | 16-11-2018  | 13,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 34            | 22-10-2018         |
| O                | WES                       | WESSANEN N.V.                  | 16-11-2018  | 13,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,2100     | 4    | 0            | 11            | 22-10-2018         |
| O                | WES                       | WESSANEN N.V.                  | 16-11-2018  | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 15            | 22-10-2018         |
| O                | WES                       | WESSANEN N.V.                  | 16-11-2018  | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,2100     | 5    | 0            | 0             | 22-10-2018         |
| O                | WES                       | WESSANEN N.V.                  | 16-11-2018  | 15,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 103           | 22-10-2018         |
| O                | WES                       | WESSANEN N.V.                  | 16-11-2018  | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,2100     | 6    | 0            | 0             | 22-10-2018         |
| O                | WES                       | WESSANEN N.V.                  | 21-12-2018  | 7,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9000     | 2    | 0            | 22            | 22-10-2018         |
| O                | WES                       | WESSANEN N.V.                  | 21-12-2018  | 7,0000         | P                 | EUR               | 0,1100 | 0,1100 | 0,1100 | 1           | 0,1100 | 0,1100     | 0    | 1            | 34            | 22-10-2018         |
| O                | WES                       | WESSANEN N.V.                  | 21-12-2018  | 7,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7300     | 2    | 0            | 1             | 22-10-2018         |
| O                | WES                       | WESSANEN N.V.                  | 21-12-2018  | 7,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1400     | 0    | 0            | 1             | 22-10-2018         |
| O                | WES                       | WESSANEN N.V.                  | 21-12-2018  | 7,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4100     | 1    | 0            | 8             | 22-10-2018         |
| O                | WES                       | WESSANEN N.V.                  | 21-12-2018  | 7,6000         | P                 | EUR               | 0,2500 | 0,2500 | 0,1900 | 2           | 0,1900 | 0,2200     | 0    | 2            | 17            | 22-10-2018         |
| O                | WES                       | WESSANEN N.V.                  | 21-12-2018  | 8,0000         | C                 | EUR               | 1,3500 | 1,3500 | 1,2000 | 2           | 1,2000 | 1,0900     | 1    | 5            | 26            | 22-10-2018         |
| O                | WES                       | WESSANEN N.V.                  | 21-12-2018  | 8,0000         | P                 | EUR               | 0,3400 | 0,3400 | 0,2800 | 3           | 0,2800 | 0,3000     | 0    | 12           | 79            | 22-10-2018         |
| O                | WES                       | WESSANEN N.V.                  | 21-12-2018  | 8,2000         | C                 | EUR               | 1,0500 | 1,0500 | 1,0500 | 1           | 1,0500 | 0,9600     | 1    | 3            | 3             | 22-10-2018         |
| O                | WES                       | WESSANEN N.V.                  | 21-12-2018  | 8,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3700     | 0    | 0            | 1             | 22-10-2018         |
| O                | WES                       | WESSANEN N.V.                  | 21-12-2018  | 8,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8300     | 1    | 0            | 7             | 22-10-2018         |
| O                | WES                       | WESSANEN N.V.                  | 21-12-2018  | 8,4000         | P                 | EUR               | 0,5200 | 0,5200 | 0,5200 | 1           | 0,5200 | 0,4400     | 0    | 1            | 1             | 22-10-2018         |
| O                | WES                       | WESSANEN N.V.                  | 21-12-2018  | 8,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7200     | 1    | 0            | 0             | 22-10-2018         |
| O                | WES                       | WESSANEN N.V.                  | 21-12-2018  | 8,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5300     | 1    | 0            | 0             | 22-10-2018         |
| O                | WES                       | WESSANEN N.V.                  | 21-12-2018  | 8,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6200     | 1    | 0            | 17            | 22-10-2018         |
| O                | WES                       | WESSANEN N.V.                  | 21-12-2018  | 8,8000         | P                 | EUR               | 0,5500 | 0,5500 | 0,5500 | 1           | 0,5500 | 0,6300     | 1    | 30           | 138           | 22-10-2018         |
| O                | WES                       | WESSANEN N.V.                  | 21-12-2018  | 9,0000         | C                 | EUR               | 0,3600 | 0,6500 | 0,3500 | 15          | 0,5500 | 0,5300     | 1    | 52           | 72            | 22-10-2018         |
| O                | WES                       | WESSANEN N.V.                  | 21-12-2018  | 9,0000         | P                 | EUR               | 0,8500 | 0,8500 | 0,6000 | 5           | 0,6000 | 0,7400     | 1    | 11           | 191           | 22-10              |



| Instrument Type* | Instrument Trading Symbol | Instrument Name | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|-----------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | WES                       | WESSANEN N.V.   | 21-12-2018  | 9,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2800     |      | 1            | 0             | 56 22-10-2018      |
| O                | WES                       | WESSANEN N.V.   | 21-12-2018  | 10,0000        | C                 | EUR               | 0,1800 | 0,2500 | 0,1800 | 5           | 0,2400 | 0,2200     |      | 0            | 19            | 81 22-10-2018      |
| O                | WES                       | WESSANEN N.V.   | 21-12-2018  | 10,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4300     |      | 1            | 0             | 301 22-10-2018     |
| O                | WES                       | WESSANEN N.V.   | 21-12-2018  | 10,5000        | C                 | EUR               | 0,1800 | 0,1800 | 0,1500 | 2           | 0,1500 | 0,1500     |      | 0            | 66            | 137 22-10-2018     |
| O                | WES                       | WESSANEN N.V.   | 21-12-2018  | 10,5000        | P                 | EUR               | 1,9500 | 1,9500 | 1,7000 | 2           | 1,7000 | 1,8600     |      | 2            | 33            | 77 22-10-2018      |
| O                | WES                       | WESSANEN N.V.   | 21-12-2018  | 11,0000        | C                 | EUR               | 0,1200 | 0,1200 | 0,1100 | 3           | 0,1100 | 0,0900     |      | 0            | 101           | 627 22-10-2018     |
| O                | WES                       | WESSANEN N.V.   | 21-12-2018  | 11,0000        | P                 | EUR               | 2,5200 | 2,5200 | 2,0000 | 2           | 2,0000 | 2,3000     |      | 2            | 2             | 457 22-10-2018     |
| O                | WES                       | WESSANEN N.V.   | 21-12-2018  | 11,5000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     |      | 0            | 0             | 20 22-10-2018      |
| O                | WES                       | WESSANEN N.V.   | 21-12-2018  | 11,5000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7700     |      | 3            | 0             | 35 22-10-2018      |
| O                | WES                       | WESSANEN N.V.   | 21-12-2018  | 12,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     |      | 0            | 0             | 577 22-10-2018     |
| O                | WES                       | WESSANEN N.V.   | 21-12-2018  | 12,0000        | P                 | EUR               | 3,4000 | 3,4000 | 2,9400 | 3           | 2,9400 | 3,2500     |      | 3            | 22            | 931 22-10-2018     |
| O                | WES                       | WESSANEN N.V.   | 21-12-2018  | 13,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     |      | 0            | 0             | 452 22-10-2018     |
| O                | WES                       | WESSANEN N.V.   | 21-12-2018  | 13,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,2300     |      | 4            | 0             | 443 22-10-2018     |
| O                | WES                       | WESSANEN N.V.   | 21-12-2018  | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 592 22-10-2018     |
| O                | WES                       | WESSANEN N.V.   | 21-12-2018  | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,2300     |      | 5            | 0             | 156 22-10-2018     |
| O                | WES                       | WESSANEN N.V.   | 21-12-2018  | 15,0000        | C                 | EUR               | 0,0100 | 0,0100 | 0,0100 | 1           | 0,0100 | 0,0100     |      | 0            | 2             | 1165 22-10-2018    |
| O                | WES                       | WESSANEN N.V.   | 21-12-2018  | 15,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,2200     |      | 6            | 0             | 234 22-10-2018     |
| O                | WES                       | WESSANEN N.V.   | 21-12-2018  | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 195 22-10-2018     |
| O                | WES                       | WESSANEN N.V.   | 21-12-2018  | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,2200     |      | 7            | 0             | 106 22-10-2018     |
| O                | WES                       | WESSANEN N.V.   | 21-12-2018  | 17,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 496 22-10-2018     |
| O                | WES                       | WESSANEN N.V.   | 21-12-2018  | 17,0000        | P                 | EUR               | 8,6000 | 8,6000 | 8,6000 | 1           | 8,6000 | 8,2200     |      | 8            | 2             | 394 22-10-2018     |
| O                | WES                       | WESSANEN N.V.   | 21-12-2018  | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 1549 22-10-2018    |
| O                | WES                       | WESSANEN N.V.   | 21-12-2018  | 18,0000        | P                 | EUR               | 9,0700 | 9,0700 | 9,0700 | 1           | 9,0700 | 9,2200     |      | 9            | 4             | 931 22-10-2018     |
| O                | WES                       | WESSANEN N.V.   | 21-12-2018  | 19,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 453 22-10-2018     |
| O                | WES                       | WESSANEN N.V.   | 21-12-2018  | 19,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 10,2200    |      | 10           | 0             | 122 22-10-2018     |
| O                | WES                       | WESSANEN N.V.   | 21-12-2018  | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 116 22-10-2018     |
| O                | WES                       | WESSANEN N.V.   | 21-12-2018  | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,2200    |      | 11           | 0             | 48 22-10-2018      |
| O                | WES                       | WESSANEN N.V.   | 21-12-2018  | 22,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 28 22-10-2018      |
| O                | WES                       | WESSANEN N.V.   | 21-12-2018  | 22,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,2200    |      | 13           | 0             | 13 22-10-2018      |
| O                | WES                       | WESSANEN N.V.   | 21-12-2018  | 24,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     |      | 0            | 0             | 0 22-10-2018       |
| O                | WES                       | WESSANEN N.V.   | 21-12-2018  | 24,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,2200    |      | 15           | 0             | 6 22-10-2018       |
| O                | WES                       | WESSANEN N.V.   | 18-1-2019   | 7,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7600     |      | 2            | 0             | 0 22-10-2018       |
| O                | WES                       | WESSANEN N.V.   | 18-1-2019   | 7,2000         | P                 | EUR               | 0,1600 | 0,1600 | 0,1600 | 1           | 0,1600 | 0,1700     |      | 0            | 1             | 1 22-10-2018       |
| O                | WES                       | WESSANEN N.V.   | 18-1-2019   | 7,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4500     |      | 1            | 0             | 0 22-10-2018       |
| O                | WES                       | WESSANEN N.V.   | 18-1-2019   | 7,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2600     |      | 0            | 0             | 0 22-10-2018       |
| O                | WES                       | WESSANEN N.V.   | 18-1-2019   | 8,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1600     |      | 1            | 0             | 0 22-10-2018       |
| O                | WES                       | WESSANEN N.V.   | 18-1-2019   | 8,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3700     |      | 0            | 0             | 0 22-10-2018       |
| O                | WES                       | WESSANEN N.V.   | 18-1-2019   | 8,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0200     |      | 1            | 0             | 0 22-10-2018       |
| O                | WES                       | WESSANEN N.V.   | 18-1-2019   | 8,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4300     |      | 0            | 0             | 0 22-10-2018       |
| O                | WES                       | WESSANEN N.V.   | 18-1-2019   | 8,4000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9000     |      | 1            | 0             | 0 22-10-2018       |
| O                | WES                       | WESSANEN N.V.   | 18-1-2019   | 8,4000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5100     |      | 1            | 0             | 0 22-10-2018       |
| O                | WES                       | WESSANEN N.V.   | 18-1-2019   | 8,6000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7800     |      | 1            | 0             | 0 22-10-2018       |
| O                | WES                       | WESSANEN N.V.   | 18-1-2019   | 8,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5900     |      | 1            | 0             | 0 22-10-2018       |
| O                | WES                       | WESSANEN N.V.   | 18-1-2019   | 8,8000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7100     |      | 1            | 0             | 0 22-10-2018       |
| O                | WES                       | WESSANEN N.V.   | 18-1-2019   | 8,8000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7200     |      | 1            | 0             | 0 22-10-2018       |
| O                | WES                       | WESSANEN N.V.   | 18-1-2019   | 9,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6100     |      | 1            | 0             | 0 22-10-2018       |
| O                | WES                       | WESSANEN N.V.   | 18-1-2019   | 9,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8200     |      | 1            | 0             | 0 22-10-2018       |
| O                | WES                       | WESSANEN N.V.   | 18-1-2019   | 9,2000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5200     |      | 1            | 0             | 0 22-10-2018       |
| O                | WES                       | WESSANEN N.V.   | 18-1-2019   | 9,2000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9300     |      | 1            | 0             | 0 22-10-2018       |
| O                | WES                       | WESSANEN N.V.   | 18-1-2019   | 9,6000         | C                 | EUR               | 0,3000 | 0,3000 | 0,3000 | 1           | 0,3000 | 0,3900     |      | 0            | 1             | 1 22-10-2018       |
| O                | WES                       | WESSANEN N.V.   | 18-1-2019   | 9,6000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2000     |      | 1            | 0             | 0 22-10-2018       |
| O                | WES                       | WESSANEN N.V.   | 18-1-2019   | 10,0000        | C                 | EUR               | 0,3500 | 0,3500 | 0,3500 | 1           | 0,3500 | 0,2600     |      | 0            | 3             | 3 22-10-2018       |
| O                | WES                       | WESSANEN N.V.   | 18-1-2019   | 10,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4800     |      | 1            | 0             | 0 22-10-2018       |
| O                | WES                       | WESSANEN N.V.   | 15-3-2019   | 5,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8200     |      | 4            | 0             | 1 22-10-2018       |
| O                | WES                       | WESSANEN N.V.   | 15-3-2019   | 5,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     |      | 0            | 0             | 0 22-10-2018       |
| O                | WES                       | WESSANEN N.V.   | 15-3-2019   | 6,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8900     |      | 3            | 0             | 0 22-10-2018       |
| O                | WES                       | WESSANEN N.V.   | 15-3-2019   | 6,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1000     |      | 0            | 0             | 1 22-10-2018       |
| O                | WES                       | WESSANEN N.V.   | 15-3-2019   | 7,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0200     |      | 2            | 0             | 90 22-10-2018      |
| O                | WES                       | WESSANEN N.V.   | 15-3-2019   | 7,0000         | P                 | EUR               | 0,2400 | 0,2400 | 0,2400 | 5           | 0,2400 | 0,2400     |      | 0            | 146           | 233 22-10-2018     |
| O                | WES                       | WESSANEN N.V.   | 15-3-2019   | 8,0000         | C                 | EUR               | 1,4000 | 1,5000 | 1,4000 | 2           | 1,5000 | 1,2900     |      | 1            | 2             | 60 22-10-2018      |
| O                | WES                       | WESSANEN N.V.   | 15-3-2019   | 8,0000         | P                 | EUR               | 0,4800 | 0,4800 | 0,4600 | 3           | 0,4600 | 0,5000     |      | 1            | 6             | 390 22-10-2018     |
| O                | WES                       | WESSANEN N.V.   | 15-3-2019   | 8,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9800     |      | 1            | 0             | 4 22-10-2018       |
| O                | WES                       | WESSANEN N.V.   | 15-3-2019   | 8,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6900     |      | 1            | 0             | 0 22-10-2018       |
| O                | WES                       | WESSANEN N.V.   | 15-3-2019   | 9,0000         | C                 | EUR               | 0,6000 | 0,9500 | 0,6000 | 12          | 0,9500 | 0,7600     |      | 1            | 95            | 533 22-10-2018     |
| O                | WES                       | WESSANEN N.V.   | 15-3-2019   | 9,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9700     |      | 1            | 0             | 460 22-10-2018     |
| O                | WES                       | WESSANEN N.V.   | 15-3-2019   | 9,5000         | C                 | EUR               | 0,6000 | 0,6500 | 0,6000 | 2           | 0,6500 | 0,5600     |      | 1            | 7             | 39 22-10-2018      |
| O                | WES                       | WESSANEN N.V.   | 15-3-2019   | 9,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2700     |      | 1            | 0             | 26 22-10-2018      |
| O                | WES                       | WESSANEN N.V.   | 15-3-2019   | 10,0000        | C                 | EUR               | 0,5000 | 0,5500 | 0,5000 | 3           | 0,5200 | 0,4300     |      | 0            | 23            | 368 22-10-2018     |
| O                | WES                       | WESSANEN N.V.   | 15-3-2019   | 10,0000        | P                 | EUR               | 1,8500 | 1,8500 | 1,5400 | 4           | 1,5400 | 1,6500     |      | 2            | 4             | 626 22-10-2018     |
| O                | WES                       | WESSANEN N.V.   | 15-3-2019   | 11,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2400     |      | 0            | 0             | 362 22-10-2018     |
| O                | WES                       | WESSANEN N.V.   | 15-3-2019   | 11,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4600     |      | 2            | 0             | 480 22-10-2018     |
| O                | WES                       | WESSANEN N.V.   | 15-3-2019   | 12,0000        | C                 | EUR               | 0,1100 | 0,1400 | 0,1100 | 2           | 0,1400 | 0,1400     |      | 0            | 11            | 1963 22-10-2018    |
| O                | WES                       | WESSANEN N.V.   | 15-3-2019   | 12,0000        | P                 | EUR               | 3,0000 | 3,0000 | 3,0000 | 1           | 3,0000 | 3,3600     |      | 3            | 20            | 1576 22-10-2018    |
| O                | WES                       | WESSANEN N.V.   | 15-3-2019   | 13,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     |      | 0            | 0             | 867 22-10-2018     |
| O                | WES                       | WESSANEN N.V.   | 15-3-2019   | 13,0000        | P                 | EUR               | 4,2500 | 4,2500 | 4,2300 | 2           | 4,2300 | 4,3100     |      | 4            | 2             | 442 22-10-2018     |
| O                | WES                       | WESSANEN N.V.   | 15-3-2019   | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     |      | 0            | 0             | 2048 22-10-2018    |
| O                | WES                       | WESSANEN N.V.   | 15-3-2019   | 14,0000        |                   |                   |        |        |        |             |        |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name              | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|------------------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | WES                       | WESSANEN N.V.                | 15-3-2019   | 20,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 6             | 22-10-2018         |
| O                | WES                       | WESSANEN N.V.                | 15-3-2019   | 20,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,2300    | 11   | 0            | 372           | 22-10-2018         |
| O                | WES                       | WESSANEN N.V.                | 15-3-2019   | 22,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 136           | 22-10-2018         |
| O                | WES                       | WESSANEN N.V.                | 15-3-2019   | 22,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 13,2300    | 13   | 0            | 57            | 22-10-2018         |
| O                | WES                       | WESSANEN N.V.                | 15-3-2019   | 24,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | WES                       | WESSANEN N.V.                | 15-3-2019   | 24,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 15,2400    | 15   | 0            | 16            | 22-10-2018         |
| O                | WES                       | WESSANEN N.V.                | 21-6-2019   | 5,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8400     | 4    | 0            | 6             | 22-10-2018         |
| O                | WES                       | WESSANEN N.V.                | 21-6-2019   | 5,0000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0700     | 0    | 0            | 0             | 22-10-2018         |
| O                | WES                       | WESSANEN N.V.                | 21-6-2019   | 6,0000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9300     | 3    | 0            | 31            | 22-10-2018         |
| O                | WES                       | WESSANEN N.V.                | 21-6-2019   | 6,0000         | P                 | EUR               | 0,1500 | 0,1600 | 0,1500 | 0           | 0,1600 | 0,1900     | 0    | 10           | 12            | 22-10-2018         |
| O                | WES                       | WESSANEN N.V.                | 21-6-2019   | 7,0000         | C                 | EUR               | 2,2000 | 2,2500 | 2,2000 | 3           | 2,2500 | 2,1200     | 2    | 24           | 127           | 22-10-2018         |
| O                | WES                       | WESSANEN N.V.                | 21-6-2019   | 7,0000         | P                 | EUR               | 0,4200 | 0,4200 | 0,3400 | 7           | 0,3900 | 0,4000     | 0    | 17           | 174           | 22-10-2018         |
| O                | WES                       | WESSANEN N.V.                | 21-6-2019   | 8,0000         | C                 | EUR               | 1,2700 | 1,5600 | 1,2700 | 4           | 1,4800 | 1,4500     | 1    | 12           | 113           | 22-10-2018         |
| O                | WES                       | WESSANEN N.V.                | 21-6-2019   | 8,0000         | P                 | EUR               | 0,9000 | 0,9000 | 0,6500 | 3           | 0,7000 | 0,7500     | 1    | 4            | 172           | 22-10-2018         |
| O                | WES                       | WESSANEN N.V.                | 21-6-2019   | 8,5000         | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1900     | 1    | 0            | 22            | 22-10-2018         |
| O                | WES                       | WESSANEN N.V.                | 21-6-2019   | 8,5000         | P                 | EUR               | 0,9000 | 0,9500 | 0,9000 | 4           | 0,9500 | 1,0000     | 1    | 12           | 165           | 22-10-2018         |
| O                | WES                       | WESSANEN N.V.                | 21-6-2019   | 9,0000         | C                 | EUR               | 0,7500 | 1,0500 | 0,7500 | 4           | 0,9400 | 0,9300     | 1    | 7            | 108           | 22-10-2018         |
| O                | WES                       | WESSANEN N.V.                | 21-6-2019   | 9,0000         | P                 | EUR               | 1,2000 | 1,2000 | 1,2000 | 17          | 1,2000 | 1,2400     | 1    | 223          | 337           | 22-10-2018         |
| O                | WES                       | WESSANEN N.V.                | 21-6-2019   | 9,5000         | C                 | EUR               | 0,6500 | 0,6500 | 0,6500 | 1           | 0,6500 | 0,7600     | 1    | 4            | 86            | 22-10-2018         |
| O                | WES                       | WESSANEN N.V.                | 21-6-2019   | 9,5000         | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5700     | 2    | 0            | 124           | 22-10-2018         |
| O                | WES                       | WESSANEN N.V.                | 21-6-2019   | 10,0000        | C                 | EUR               | 0,6500 | 0,7000 | 0,6000 | 4           | 0,6000 | 0,6000     | 1    | 4            | 93            | 22-10-2018         |
| O                | WES                       | WESSANEN N.V.                | 21-6-2019   | 10,0000        | P                 | EUR               | 1,7500 | 1,7500 | 1,7500 | 1           | 1,7500 | 1,9300     | 2    | 3            | 147           | 22-10-2018         |
| O                | WES                       | WESSANEN N.V.                | 21-6-2019   | 11,0000        | C                 | EUR               | 0,4500 | 0,4500 | 0,3900 | 3           | 0,4000 | 0,3800     | 0    | 4            | 221           | 22-10-2018         |
| O                | WES                       | WESSANEN N.V.                | 21-6-2019   | 11,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,7100     | 3    | 0            | 274           | 22-10-2018         |
| O                | WES                       | WESSANEN N.V.                | 21-6-2019   | 12,0000        | C                 | EUR               | 0,2300 | 0,3000 | 0,2300 | 2           | 0,3000 | 0,2400     | 0    | 4            | 243           | 22-10-2018         |
| O                | WES                       | WESSANEN N.V.                | 21-6-2019   | 12,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5700     | 4    | 0            | 306           | 22-10-2018         |
| O                | WES                       | WESSANEN N.V.                | 21-6-2019   | 14,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1100     | 0    | 0            | 23            | 22-10-2018         |
| O                | WES                       | WESSANEN N.V.                | 21-6-2019   | 14,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,4500     | 5    | 0            | 55            | 22-10-2018         |
| O                | WES                       | WESSANEN N.V.                | 21-6-2019   | 16,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 0            | 43            | 22-10-2018         |
| O                | WES                       | WESSANEN N.V.                | 21-6-2019   | 16,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,4000     | 7    | 0            | 72            | 22-10-2018         |
| O                | WES                       | WESSANEN N.V.                | 21-6-2019   | 18,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 0             | 22-10-2018         |
| O                | WES                       | WESSANEN N.V.                | 21-6-2019   | 18,0000        | P                 | EUR               | 9,1400 | 9,1400 | 9,1400 | 1           | 9,1400 | 9,4000     | 9    | 4            | 4             | 22-10-2018         |
| F                | WG6                       | Italgas - Stock Future       | 15-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,5808     | 5    | 0            | 0             | 22-10-2018         |
| F                | WG6                       | Italgas - Stock Future       | 20-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,5790     | 5    | 0            | 0             | 22-10-2018         |
| F                | WG6                       | Italgas - Stock Future       | 17-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,5776     | 5    | 0            | 0             | 22-10-2018         |
| F                | WG6                       | Italgas - Stock Future       | 14-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,5761     | 5    | 0            | 0             | 22-10-2018         |
| F                | WG6                       | Italgas - Stock Future       | 20-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,3551     | 4    | 0            | 0             | 22-10-2018         |
| F                | WG6                       | Italgas - Stock Future       | 19-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,3515     | 4    | 0            | 0             | 22-10-2018         |
| F                | WG8                       | Italgas - Dividend Future    | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2080     | 0    | 0            | 200           | 22-10-2018         |
| F                | WG8                       | Italgas - Dividend Future    | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2130     | 0    | 0            | 0             | 22-10-2018         |
| F                | WG8                       | Italgas - Dividend Future    | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2200     | 0    | 0            | 0             | 22-10-2018         |
| F                | WG8                       | Italgas - Dividend Future    | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2270     | 0    | 0            | 0             | 22-10-2018         |
| F                | WG8                       | Italgas - Dividend Future    | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2270     | 0    | 0            | 0             | 22-10-2018         |
| F                | WH6                       | Wereldhave NV - Stock Future | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 30,3317    | 30   | 0            | 0             | 22-10-2018         |
| F                | WH6                       | Wereldhave NV - Stock Future | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 30,3201    | 30   | 0            | 0             | 22-10-2018         |
| F                | WH6                       | Wereldhave NV - Stock Future | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 30,3108    | 30   | 0            | 0             | 22-10-2018         |
| F                | WH6                       | Wereldhave NV - Stock Future | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 29,7408    | 30   | 0            | 0             | 22-10-2018         |
| F                | WH6                       | Wereldhave NV - Stock Future | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 29,1647    | 29   | 0            | 0             | 22-10-2018         |
| F                | WH6                       | Wereldhave NV - Stock Future | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 28,5310    | 29   | 0            | 0             | 22-10-2018         |
| O                | WHV                       | WERELDHAVE N.V.              | 16-11-2018  | 26,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,9000     | 5    | 0            | 0             | 22-10-2018         |
| O                | WHV                       | WERELDHAVE N.V.              | 16-11-2018  | 26,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0400     | 0    | 0            | 17            | 22-10-2018         |
| O                | WHV                       | WERELDHAVE N.V.              | 16-11-2018  | 27,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9000     | 4    | 0            | 0             | 22-10-2018         |
| O                | WHV                       | WERELDHAVE N.V.              | 16-11-2018  | 27,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0600     | 0    | 0            | 78            | 22-10-2018         |
| O                | WHV                       | WERELDHAVE N.V.              | 16-11-2018  | 28,0000        | C                 | EUR               | 2,8500 | 2,8500 | 2,8100 | 10          | 2,8500 | 2,9000     | 3    | 410          | 0             | 22-10-2018         |
| O                | WHV                       | WERELDHAVE N.V.              | 16-11-2018  | 28,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1000     | 0    | 0            | 28            | 22-10-2018         |
| O                | WHV                       | WERELDHAVE N.V.              | 16-11-2018  | 29,0000        | C                 | EUR               | 1,9000 | 1,9000 | 1,9000 | 2           | 1,9000 | 1,9000     | 2    | 4            | 3             | 22-10-2018         |
| O                | WHV                       | WERELDHAVE N.V.              | 16-11-2018  | 29,0000        | P                 | EUR               | 0,2300 | 0,2300 | 0,2000 | 3           | 0,2000 | 0,2000     | 0    | 14           | 233           | 22-10-2018         |
| O                | WHV                       | WERELDHAVE N.V.              | 16-11-2018  | 29,5000        | C                 | EUR               | 1,4000 | 1,4000 | 1,4000 | 1           | 1,4000 | 1,4000     | 1    | 1            | 5             | 22-10-2018         |
| O                | WHV                       | WERELDHAVE N.V.              | 16-11-2018  | 29,5000        | P                 | EUR               | 0,3400 | 0,3400 | 0,2800 | 4           | 0,3000 | 0,2800     | 0    | 24           | 82            | 22-10-2018         |
| O                | WHV                       | WERELDHAVE N.V.              | 16-11-2018  | 30,0000        | C                 | EUR               | 0,7000 | 0,9000 | 0,7000 | 12          | 0,9000 | 0,9000     | 1    | 74           | 13            | 22-10-2018         |
| O                | WHV                       | WERELDHAVE N.V.              | 16-11-2018  | 30,0000        | P                 | EUR               | 0,5500 | 0,5500 | 0,4800 | 13          | 0,5000 | 0,4300     | 0    | 40           | 400           | 22-10-2018         |
| O                | WHV                       | WERELDHAVE N.V.              | 16-11-2018  | 31,0000        | C                 | EUR               | 0,2500 | 0,2900 | 0,2100 | 30          | 0,2800 | 0,2800     | 0    | 190          | 903           | 22-10-2018         |
| O                | WHV                       | WERELDHAVE N.V.              | 16-11-2018  | 31,0000        | P                 | EUR               | 1,0000 | 1,1000 | 0,9500 | 7           | 1,0000 | 0,9500     | 1    | 64           | 617           | 22-10-2018         |
| O                | WHV                       | WERELDHAVE N.V.              | 16-11-2018  | 32,0000        | C                 | EUR               | 0,0600 | 0,0800 | 0,0600 | 6           | 0,0700 | 0,0700     | 0    | 33           | 243           | 22-10-2018         |
| O                | WHV                       | WERELDHAVE N.V.              | 16-11-2018  | 32,0000        | P                 | EUR               | 1,8000 | 1,8000 | 1,7500 | 3           | 1,7500 | 1,7400     | 2    | 41           | 211           | 22-10-2018         |
| O                | WHV                       | WERELDHAVE N.V.              | 16-11-2018  | 33,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 32            | 22-10-2018         |
| O                | WHV                       | WERELDHAVE N.V.              | 16-11-2018  | 33,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6800     | 3    | 0            | 125           | 22-10-2018         |
| O                | WHV                       | WERELDHAVE N.V.              | 16-11-2018  | 34,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 9             | 22-10-2018         |
| O                | WHV                       | WERELDHAVE N.V.              | 16-11-2018  | 34,0000        | P                 | EUR               | 3,7500 | 3,7500 | 3,7500 | 1           | 3,7500 | 3,6700     | 4    | 1            | 39            | 22-10-2018         |
| O                | WHV                       | WERELDHAVE N.V.              | 16-11-2018  | 36,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | WHV                       | WERELDHAVE N.V.              | 16-11-2018  | 36,0000        | P                 | EUR               | 5,7500 | 5,7500 | 5,7500 | 1           | 5,7500 | 5,6700     | 6    | 20           | 23            | 22-10-2018         |
| O                | WHV                       | WERELDHAVE N.V.              | 16-11-2018  | 38,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | WHV                       | WERELDHAVE N.V.              | 16-11-2018  | 38,0000        | P                 | EUR               | 7,7900 | 7,7900 | 7,7900 | 1           | 7,7900 | 7,6700     | 8    | 250          | 250           | 22-10-2018         |
| O                | WHV                       | WERELDHAVE N.V.              | 21-12-2018  | 22,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,9000     | 9    | 0            | 0             | 22-10-2018         |
| O                | WHV                       | WERELDHAVE N.V.              | 21-12-2018  | 22,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 2             | 22-10-2018         |
| O                | WHV                       | WERELDHAVE N.V.              | 21-12-2018  | 24,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,9000     | 7    | 0            | 0             | 22-10-2018         |
| O                | WHV                       | WERELDHAVE N.V.              | 21-12-201   |                |                   |                   |        |        |        |             |        |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open    | High    | Low     | Trade Count | Close   | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|-----------------|-------------|----------------|-------------------|-------------------|---------|---------|---------|-------------|---------|------------|------|--------------|---------------|--------------------|
| O                | WHV                       | WERELDHAVE N.V. | 21-12-2018  | 29,5000        | C                 | EUR               | 1,3700  | 1,3700  | 1,2900  | 3           | 1,3000  | 1,4000     |      | 4            | 12            | 22-10-2018         |
| O                | WHV                       | WERELDHAVE N.V. | 21-12-2018  | 29,5000        | P                 | EUR               | 0,5300  | 0,5300  | 0,5300  | 2           | 0,5300  | 0,5300     |      | 1            | 12            | 69 22-10-2018      |
| O                | WHV                       | WERELDHAVE N.V. | 21-12-2018  | 30,0000        | C                 | EUR               | 0,9000  | 0,9000  | 0,9000  | 8           | 1,0000  | 1,0300     |      | 1            | 38            | 1010 22-10-2018    |
| O                | WHV                       | WERELDHAVE N.V. | 21-12-2018  | 30,0000        | P                 | EUR               | 0,7000  | 0,7500  | 0,7000  | 2           | 0,7500  | 0,7000     |      | 1            | 3             | 1882 22-10-2018    |
| O                | WHV                       | WERELDHAVE N.V. | 21-12-2018  | 31,0000        | C                 | EUR               | 0,4500  | 0,5200  | 0,4400  | 22          | 0,5000  | 0,5200     |      | 1            | 83            | 194 22-10-2018     |
| O                | WHV                       | WERELDHAVE N.V. | 21-12-2018  | 31,0000        | P                 | EUR               | 1,3000  | 1,3000  | 1,2500  | 3           | 1,2500  | 1,2000     |      | 1            | 29            | 57 22-10-2018      |
| O                | WHV                       | WERELDHAVE N.V. | 21-12-2018  | 32,0000        | C                 | EUR               | 0,2200  | 0,2300  | 0,2100  | 21          | 0,2300  | 0,2300     |      | 0            | 75            | 742 22-10-2018     |
| O                | WHV                       | WERELDHAVE N.V. | 21-12-2018  | 32,0000        | P                 | EUR               | 2,0000  | 2,0500  | 1,9000  | 4           | 1,9000  | 1,9100     |      | 2            | 29            | 682 22-10-2018     |
| O                | WHV                       | WERELDHAVE N.V. | 21-12-2018  | 34,0000        | C                 | EUR               | 0,0800  | 0,0800  | 0,0800  | 1           | 0,0800  | 0,0500     |      | 0            | 2             | 763 22-10-2018     |
| O                | WHV                       | WERELDHAVE N.V. | 21-12-2018  | 34,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,7300     |      | 4            | 0             | 597 22-10-2018     |
| O                | WHV                       | WERELDHAVE N.V. | 21-12-2018  | 35,0000        | C                 | EUR               | 0,0300  | 0,0400  | 0,0300  | 2           | 0,0400  | 0,0200     |      | 0            | 7             | 1063 22-10-2018    |
| O                | WHV                       | WERELDHAVE N.V. | 21-12-2018  | 35,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,7000     |      | 5            | 0             | 1194 22-10-2018    |
| O                | WHV                       | WERELDHAVE N.V. | 21-12-2018  | 36,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 1143 22-10-2018    |
| O                | WHV                       | WERELDHAVE N.V. | 21-12-2018  | 36,0000        | P                 | EUR               | 5,7900  | 5,7900  | 5,7900  | 1           | 5,7900  | 5,6900     |      | 6            | 1             | 348 22-10-2018     |
| O                | WHV                       | WERELDHAVE N.V. | 21-12-2018  | 38,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 520 22-10-2018     |
| O                | WHV                       | WERELDHAVE N.V. | 21-12-2018  | 38,0000        | P                 | EUR               | 7,7000  | 7,7000  | 7,7000  | 1           | 7,7000  | 7,6900     |      | 8            | 1             | 1026 22-10-2018    |
| O                | WHV                       | WERELDHAVE N.V. | 21-12-2018  | 40,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 540 22-10-2018     |
| O                | WHV                       | WERELDHAVE N.V. | 21-12-2018  | 40,0000        | P                 | EUR               | 9,8000  | 9,8000  | 9,8000  | 2           | 9,8000  | 9,6900     |      | 10           | 4             | 547 22-10-2018     |
| O                | WHV                       | WERELDHAVE N.V. | 21-12-2018  | 42,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 523 22-10-2018     |
| O                | WHV                       | WERELDHAVE N.V. | 21-12-2018  | 42,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 11,6900    |      | 12           | 0             | 276 22-10-2018     |
| O                | WHV                       | WERELDHAVE N.V. | 21-12-2018  | 44,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 128 22-10-2018     |
| O                | WHV                       | WERELDHAVE N.V. | 21-12-2018  | 44,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 13,6900    |      | 14           | 0             | 97 22-10-2018      |
| O                | WHV                       | WERELDHAVE N.V. | 21-12-2018  | 45,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 128 22-10-2018     |
| O                | WHV                       | WERELDHAVE N.V. | 21-12-2018  | 45,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 14,6900    |      | 15           | 0             | 177 22-10-2018     |
| O                | WHV                       | WERELDHAVE N.V. | 21-12-2018  | 50,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 101 22-10-2018     |
| O                | WHV                       | WERELDHAVE N.V. | 21-12-2018  | 50,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 19,6900    |      | 20           | 0             | 124 22-10-2018     |
| O                | WHV                       | WERELDHAVE N.V. | 21-12-2018  | 55,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 0 22-10-2018       |
| O                | WHV                       | WERELDHAVE N.V. | 21-12-2018  | 55,0000        | P                 | EUR               | 24,8500 | 24,8500 | 24,8500 | 1           | 24,8500 | 24,7000    |      | 25           | 30            | 483 22-10-2018     |
| O                | WHV                       | WERELDHAVE N.V. | 18-1-2019   | 27,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,9000     |      | 4            | 0             | 0 22-10-2018       |
| O                | WHV                       | WERELDHAVE N.V. | 18-1-2019   | 27,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1900     |      | 0            | 0             | 0 22-10-2018       |
| O                | WHV                       | WERELDHAVE N.V. | 18-1-2019   | 28,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,9000     |      | 3            | 0             | 0 22-10-2018       |
| O                | WHV                       | WERELDHAVE N.V. | 18-1-2019   | 28,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2900     |      | 0            | 0             | 0 22-10-2018       |
| O                | WHV                       | WERELDHAVE N.V. | 18-1-2019   | 29,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,9000     |      | 2            | 0             | 0 22-10-2018       |
| O                | WHV                       | WERELDHAVE N.V. | 18-1-2019   | 29,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,5000     |      | 1            | 0             | 0 22-10-2018       |
| O                | WHV                       | WERELDHAVE N.V. | 18-1-2019   | 29,5000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,4400     |      | 1            | 0             | 0 22-10-2018       |
| O                | WHV                       | WERELDHAVE N.V. | 18-1-2019   | 29,5000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,6300     |      | 1            | 0             | 0 22-10-2018       |
| O                | WHV                       | WERELDHAVE N.V. | 18-1-2019   | 30,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,1200     |      | 0            | 0             | 0 22-10-2018       |
| O                | WHV                       | WERELDHAVE N.V. | 18-1-2019   | 30,0000        | P                 | EUR               | 0,8000  | 0,8000  | 0,8000  | 2           | 0,8000  | 0,8000     |      | 1            | 2             | 2 22-10-2018       |
| O                | WHV                       | WERELDHAVE N.V. | 18-1-2019   | 31,0000        | C                 | EUR               | 0,6000  | 0,6000  | 0,6000  | 1           | 0,6000  | 0,6200     |      | 1            | 1             | 1 22-10-2018       |
| O                | WHV                       | WERELDHAVE N.V. | 18-1-2019   | 31,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,3100     |      | 1            | 0             | 0 22-10-2018       |
| O                | WHV                       | WERELDHAVE N.V. | 18-1-2019   | 32,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3300     |      | 0            | 0             | 0 22-10-2018       |
| O                | WHV                       | WERELDHAVE N.V. | 18-1-2019   | 32,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,0200     |      | 2            | 0             | 0 22-10-2018       |
| O                | WHV                       | WERELDHAVE N.V. | 18-1-2019   | 34,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0900     |      | 0            | 0             | 0 22-10-2018       |
| O                | WHV                       | WERELDHAVE N.V. | 18-1-2019   | 34,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,7800     |      | 4            | 0             | 0 22-10-2018       |
| O                | WHV                       | WERELDHAVE N.V. | 18-1-2019   | 36,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0200     |      | 0            | 0             | 0 22-10-2018       |
| O                | WHV                       | WERELDHAVE N.V. | 18-1-2019   | 36,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,7100     |      | 6            | 0             | 0 22-10-2018       |
| O                | WHV                       | WERELDHAVE N.V. | 18-1-2019   | 38,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 0 22-10-2018       |
| O                | WHV                       | WERELDHAVE N.V. | 18-1-2019   | 38,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,7000     |      | 8            | 0             | 0 22-10-2018       |
| O                | WHV                       | WERELDHAVE N.V. | 15-3-2019   | 22,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,9000     |      | 9            | 0             | 0 22-10-2018       |
| O                | WHV                       | WERELDHAVE N.V. | 15-3-2019   | 22,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1100     |      | 0            | 0             | 4 22-10-2018       |
| O                | WHV                       | WERELDHAVE N.V. | 15-3-2019   | 24,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,9000     |      | 7            | 0             | 0 22-10-2018       |
| O                | WHV                       | WERELDHAVE N.V. | 15-3-2019   | 24,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1600     |      | 0            | 0             | 447 22-10-2018     |
| O                | WHV                       | WERELDHAVE N.V. | 15-3-2019   | 26,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,9000     |      | 5            | 0             | 1 22-10-2018       |
| O                | WHV                       | WERELDHAVE N.V. | 15-3-2019   | 26,0000        | P                 | EUR               | 0,3400  | 0,3500  | 0,3200  | 5           | 0,3300  | 0,3100     |      | 0            | 84            | 850 22-10-2018     |
| O                | WHV                       | WERELDHAVE N.V. | 15-3-2019   | 28,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,9000     |      | 3            | 0             | 63 22-10-2018      |
| O                | WHV                       | WERELDHAVE N.V. | 15-3-2019   | 28,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,6500     |      | 1            | 0             | 473 22-10-2018     |
| O                | WHV                       | WERELDHAVE N.V. | 15-3-2019   | 29,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,9200     |      | 2            | 0             | 66 22-10-2018      |
| O                | WHV                       | WERELDHAVE N.V. | 15-3-2019   | 29,0000        | P                 | EUR               | 1,0000  | 1,0000  | 0,9500  | 4           | 0,9500  | 0,9500     |      | 1            | 5             | 208 22-10-2018     |
| O                | WHV                       | WERELDHAVE N.V. | 15-3-2019   | 30,0000        | C                 | EUR               | 1,2000  | 1,2500  | 1,2000  | 7           | 1,2500  | 1,2900     |      | 1            | 20            | 1102 22-10-2018    |
| O                | WHV                       | WERELDHAVE N.V. | 15-3-2019   | 30,0000        | P                 | EUR               | 1,5000  | 1,5000  | 1,4000  | 9           | 1,4000  | 1,4100     |      | 1            | 182           | 783 22-10-2018     |
| O                | WHV                       | WERELDHAVE N.V. | 15-3-2019   | 32,0000        | C                 | EUR               | 0,4400  | 0,4500  | 0,4400  | 2           | 0,4500  | 0,4600     |      | 0            | 2             | 518 22-10-2018     |
| O                | WHV                       | WERELDHAVE N.V. | 15-3-2019   | 32,0000        | P                 | EUR               | 2,8500  | 2,8500  | 2,8500  | 1           | 2,8500  | 2,6700     |      | 3            | 1             | 415 22-10-2018     |
| O                | WHV                       | WERELDHAVE N.V. | 15-3-2019   | 34,0000        | C                 | EUR               | 0,1500  | 0,1500  | 0,1400  | 2           | 0,1400  | 0,1300     |      | 0            | 17            | 751 22-10-2018     |
| O                | WHV                       | WERELDHAVE N.V. | 15-3-2019   | 34,0000        | P                 | EUR               | 4,4500  | 4,4500  | 4,4500  | 1           | 4,4500  | 4,3900     |      | 4            | 1             | 353 22-10-2018     |
| O                | WHV                       | WERELDHAVE N.V. | 15-3-2019   | 36,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0400     |      | 0            | 0             | 446 22-10-2018     |
| O                | WHV                       | WERELDHAVE N.V. | 15-3-2019   | 36,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,3100     |      | 6            | 0             | 380 22-10-2018     |
| O                | WHV                       | WERELDHAVE N.V. | 15-3-2019   | 38,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 131 22-10-2018     |
| O                | WHV                       | WERELDHAVE N.V. | 15-3-2019   | 38,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,2800     |      | 8            | 0             | 273 22-10-2018     |
| O                | WHV                       | WERELDHAVE N.V. | 15-3-2019   | 40,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 25 22-10-2018      |
| O                | WHV                       | WERELDHAVE N.V. | 15-3-2019   | 40,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,2700    |      | 10           | 0             | 242 22-10-2018     |
| O                | WHV                       | WERELDHAVE N.V. | 15-3-2019   | 45,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 0 22-10-2018       |
| O                | WHV                       | WERELDHAVE N.V. | 15-3-2019   | 45,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 15,2800    |      | 15           | 0             | 283 22-10-2018     |
| O                | WHV                       | WERELDHAVE N.V. | 15-3-2019   | 50,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 0 22-10-2018       |
| O                | WHV                       | WERELDHAVE N.V. | 15-3-2019   | 50,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 20,2900    |      | 20           | 0             | 101 22-10-2018     |
| O                | WHV                       | WERELDHAVE N.V. | 21-6-2019   | 22,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,9000     |      | 9            | 0             | 0 22-10-2018       |
| O                | WHV                       | WERELDHAVE N.V. | 21-6-2019   | 22,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1600     |      | 0            | 2             | 2 22-10-2018</     |



| Instrument Type* | Instrument Trading Symbol | Instrument Name                  | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open    | High    | Low     | Trade Count | Close   | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|----------------------------------|-------------|----------------|-------------------|-------------------|---------|---------|---------|-------------|---------|------------|------|--------------|---------------|--------------------|
| O                | WHV                       | WERELDHAVE N.V.                  | 21-6-2019   | 30,0000        | P                 | EUR               | 2,1000  | 2,1000  | 2,1000  | 1           | 2,1000  | 2,0400     |      | 2            | 1             | 331 22-10-2018     |
| O                | WHV                       | WERELDHAVE N.V.                  | 21-6-2019   | 32,0000        | C                 | EUR               | 0,6000  | 0,6000  | 0,6000  | 1           | 0,6000  | 0,6000     |      | 1            | 1             | 447 22-10-2018     |
| O                | WHV                       | WERELDHAVE N.V.                  | 21-6-2019   | 32,0000        | P                 | EUR               | 3,4000  | 3,4000  | 3,4000  | 1           | 3,4000  | 3,3700     |      | 3            | 2             | 363 22-10-2018     |
| O                | WHV                       | WERELDHAVE N.V.                  | 21-6-2019   | 34,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2300     |      | 0            | 0             | 526 22-10-2018     |
| O                | WHV                       | WERELDHAVE N.V.                  | 21-6-2019   | 34,0000        | P                 | EUR               | 5,1000  | 5,1000  | 5,1000  | 1           | 5,1000  | 5,0600     |      | 5            | 1             | 356 22-10-2018     |
| O                | WHV                       | WERELDHAVE N.V.                  | 21-6-2019   | 36,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0900     |      | 0            | 0             | 312 22-10-2018     |
| O                | WHV                       | WERELDHAVE N.V.                  | 21-6-2019   | 36,0000        | P                 | EUR               | 7,1000  | 7,1000  | 7,1000  | 1           | 7,1000  | 6,9300     |      | 7            | 1             | 439 22-10-2018     |
| O                | WHV                       | WERELDHAVE N.V.                  | 21-6-2019   | 40,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0200     |      | 0            | 0             | 26 22-10-2018      |
| O                | WHV                       | WERELDHAVE N.V.                  | 21-6-2019   | 40,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,8800    |      | 11           | 0             | 274 22-10-2018     |
| O                | WHV                       | WERELDHAVE N.V.                  | 21-6-2019   | 45,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 0 22-10-2018       |
| O                | WHV                       | WERELDHAVE N.V.                  | 21-6-2019   | 45,0000        | P                 | EUR               | 16,0200 | 16,0200 | 16,0200 | 2           | 16,0200 | 15,8700    |      | 16           | 6             | 268 22-10-2018     |
| O                | WHV                       | WERELDHAVE N.V.                  | 21-6-2019   | 50,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 0 22-10-2018       |
| O                | WHV                       | WERELDHAVE N.V.                  | 21-6-2019   | 50,0000        | P                 | EUR               | 21,1200 | 21,1700 | 21,0200 | 4           | 21,0200 | 20,8800    |      | 21           | 4             | 347 22-10-2018     |
| O                | WHV                       | WERELDHAVE N.V.                  | 20-9-2019   | 22,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,9000     |      | 9            | 0             | 0 22-10-2018       |
| O                | WHV                       | WERELDHAVE N.V.                  | 20-9-2019   | 22,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3200     |      | 0            | 0             | 156 22-10-2018     |
| O                | WHV                       | WERELDHAVE N.V.                  | 20-9-2019   | 24,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,9000     |      | 7            | 0             | 0 22-10-2018       |
| O                | WHV                       | WERELDHAVE N.V.                  | 20-9-2019   | 24,0000        | P                 | EUR               | 0,5500  | 0,5500  | 0,5500  | 1           | 0,5500  | 0,5300     |      | 1            | 25            | 165 22-10-2018     |
| O                | WHV                       | WERELDHAVE N.V.                  | 20-9-2019   | 26,0000        | C                 | EUR               | 4,8500  | 4,8500  | 4,8500  | 1           | 4,8500  | 4,9000     |      | 5            | 1             | 1 22-10-2018       |
| O                | WHV                       | WERELDHAVE N.V.                  | 20-9-2019   | 26,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,9500     |      | 1            | 0             | 231 22-10-2018     |
| O                | WHV                       | WERELDHAVE N.V.                  | 20-9-2019   | 28,0000        | C                 | EUR               | 2,9500  | 2,9500  | 2,9500  | 1           | 2,9500  | 2,9000     |      | 3            | 2             | 1 22-10-2018       |
| O                | WHV                       | WERELDHAVE N.V.                  | 20-9-2019   | 28,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,6300     |      | 2            | 0             | 4 22-10-2018       |
| O                | WHV                       | WERELDHAVE N.V.                  | 20-9-2019   | 29,0000        | C                 | EUR               | 2,0000  | 2,0000  | 2,0000  | 1           | 2,0000  | 2,0600     |      | 2            | 10            | 40 22-10-2018      |
| O                | WHV                       | WERELDHAVE N.V.                  | 20-9-2019   | 29,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,0900     |      | 2            | 0             | 4 22-10-2018       |
| O                | WHV                       | WERELDHAVE N.V.                  | 20-9-2019   | 30,0000        | C                 | EUR               | 1,4000  | 1,4500  | 1,4000  | 6           | 1,4500  | 1,4700     |      | 1            | 21            | 105 22-10-2018     |
| O                | WHV                       | WERELDHAVE N.V.                  | 20-9-2019   | 30,0000        | P                 | EUR               | 2,8000  | 2,8000  | 2,6500  | 4           | 2,6500  | 2,6500     |      | 3            | 8             | 60 22-10-2018      |
| O                | WHV                       | WERELDHAVE N.V.                  | 20-9-2019   | 32,0000        | C                 | EUR               | 0,6500  | 0,7500  | 0,6500  | 5           | 0,7000  | 0,7000     |      | 1            | 11            | 49 22-10-2018      |
| O                | WHV                       | WERELDHAVE N.V.                  | 20-9-2019   | 32,0000        | P                 | EUR               | 4,0400  | 4,0400  | 4,0400  | 1           | 4,0400  | 4,0600     |      | 4            | 1             | 32 22-10-2018      |
| O                | WHV                       | WERELDHAVE N.V.                  | 20-9-2019   | 34,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3200     |      | 0            | 0             | 0 22-10-2018       |
| O                | WHV                       | WERELDHAVE N.V.                  | 20-9-2019   | 34,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,7600     |      | 6            | 0             | 0 22-10-2018       |
| O                | WHV                       | WERELDHAVE N.V.                  | 20-9-2019   | 35,0000        | C                 | EUR               | 0,1900  | 0,1900  | 0,1900  | 2           | 0,1900  | 0,2000     |      | 0            | 3             | 161 22-10-2018     |
| O                | WHV                       | WERELDHAVE N.V.                  | 20-9-2019   | 35,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,6700     |      | 7            | 0             | 161 22-10-2018     |
| O                | WHV                       | WERELDHAVE N.V.                  | 20-9-2019   | 40,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0300     |      | 0            | 0             | 0 22-10-2018       |
| O                | WHV                       | WERELDHAVE N.V.                  | 20-9-2019   | 40,0000        | P                 | EUR               | 11,5500 | 11,5500 | 11,5500 | 3           | 11,5500 | 11,5300    |      | 12           | 10            | 190 22-10-2018     |
| O                | WHV                       | WERELDHAVE N.V.                  | 20-9-2019   | 45,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 0 22-10-2018       |
| O                | WHV                       | WERELDHAVE N.V.                  | 20-9-2019   | 45,0000        | P                 | EUR               | 16,5700 | 16,5700 | 16,5700 | 2           | 16,5700 | 16,5200    |      | 17           | 6             | 145 22-10-2018     |
| O                | WHV                       | WERELDHAVE N.V.                  | 20-9-2019   | 50,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 0 22-10-2018       |
| O                | WHV                       | WERELDHAVE N.V.                  | 20-9-2019   | 50,0000        | P                 | EUR               | 21,6200 | 21,6700 | 21,5700 | 4           | 21,5700 | 21,5300    |      | 22           | 4             | 4 22-10-2018       |
| F                | WK6                       | Wolters Kluwer NV - Stock Future | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 51,6858    |      | 52           | 0             | 0 22-10-2018       |
| F                | WK6                       | Wolters Kluwer NV - Stock Future | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 51,6660    |      | 52           | 0             | 0 22-10-2018       |
| F                | WK6                       | Wolters Kluwer NV - Stock Future | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 51,6502    |      | 52           | 0             | 0 22-10-2018       |
| F                | WK6                       | Wolters Kluwer NV - Stock Future | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 51,6327    |      | 52           | 0             | 0 22-10-2018       |
| F                | WK6                       | Wolters Kluwer NV - Stock Future | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 51,0673    |      | 51           | 0             | 0 22-10-2018       |
| F                | WK6                       | Wolters Kluwer NV - Stock Future | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 50,7753    |      | 51           | 0             | 0 22-10-2018       |
| F                | WK8                       | Wolters Kluwer - Dividend Future | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,9900     |      | 1            | 0             | 0 22-10-2018       |
| F                | WK8                       | Wolters Kluwer - Dividend Future | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,9100     |      | 1            | 0             | 0 22-10-2018       |
| F                | WK8                       | Wolters Kluwer - Dividend Future | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,9600     |      | 1            | 0             | 0 22-10-2018       |
| F                | WK8                       | Wolters Kluwer - Dividend Future | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,0100     |      | 1            | 0             | 0 22-10-2018       |
| F                | WK8                       | Wolters Kluwer - Dividend Future | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,0100     |      | 1            | 0             | 0 22-10-2018       |
| O                | WKL                       | WOLTERS-KLUWER                   | 16-11-2018  | 42,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 9,7400     |      | 10           | 0             | 0 22-10-2018       |
| O                | WKL                       | WOLTERS-KLUWER                   | 16-11-2018  | 42,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0500     |      | 0            | 0             | 0 22-10-2018       |
| O                | WKL                       | WOLTERS-KLUWER                   | 16-11-2018  | 44,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,7800     |      | 8            | 0             | 0 22-10-2018       |
| O                | WKL                       | WOLTERS-KLUWER                   | 16-11-2018  | 44,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0900     |      | 0            | 0             | 0 22-10-2018       |
| O                | WKL                       | WOLTERS-KLUWER                   | 16-11-2018  | 46,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,8600     |      | 6            | 0             | 0 22-10-2018       |
| O                | WKL                       | WOLTERS-KLUWER                   | 16-11-2018  | 46,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1700     |      | 0            | 0             | 25 22-10-2018      |
| O                | WKL                       | WOLTERS-KLUWER                   | 16-11-2018  | 48,0000        | C                 | EUR               | 4,1600  | 4,1600  | 4,1600  | 1           | 4,1600  | 4,0500     |      | 4            | 2             | 10 22-10-2018      |
| O                | WKL                       | WOLTERS-KLUWER                   | 16-11-2018  | 48,0000        | P                 | EUR               | 0,3400  | 0,3400  | 0,3400  | 1           | 0,3400  | 0,3600     |      | 0            | 2             | 48 22-10-2018      |
| O                | WKL                       | WOLTERS-KLUWER                   | 16-11-2018  | 49,0000        | C                 | EUR               | 3,8200  | 3,8200  | 3,3000  | 3           | 3,3000  | 3,2200     |      | 3            | 4             | 12 22-10-2018      |
| O                | WKL                       | WOLTERS-KLUWER                   | 16-11-2018  | 49,0000        | P                 | EUR               | 0,4800  | 0,5200  | 0,4800  | 3           | 0,5200  | 0,5300     |      | 1            | 3             | 16 22-10-2018      |
| O                | WKL                       | WOLTERS-KLUWER                   | 16-11-2018  | 50,0000        | C                 | EUR               | 2,5700  | 2,5700  | 2,5700  | 1           | 2,5700  | 2,4500     |      | 2            | 17            | 22 22-10-2018      |
| O                | WKL                       | WOLTERS-KLUWER                   | 16-11-2018  | 50,0000        | P                 | EUR               | 0,7500  | 0,7500  | 0,7500  | 3           | 0,7500  | 0,7700     |      | 1            | 50            | 191 22-10-2018     |
| O                | WKL                       | WOLTERS-KLUWER                   | 16-11-2018  | 51,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,8000     |      | 2            | 0             | 0 22-10-2018       |
| O                | WKL                       | WOLTERS-KLUWER                   | 16-11-2018  | 51,0000        | P                 | EUR               | 1,0700  | 1,0700  | 1,0500  | 3           | 1,0500  | 1,1100     |      | 1            | 11            | 83 22-10-2018      |
| O                | WKL                       | WOLTERS-KLUWER                   | 16-11-2018  | 52,0000        | C                 | EUR               | 1,2800  | 1,2800  | 1,2800  | 1           | 1,2800  | 1,2500     |      | 1            | 4             | 46 22-10-2018      |
| O                | WKL                       | WOLTERS-KLUWER                   | 16-11-2018  | 52,0000        | P                 | EUR               | 1,4700  | 1,4700  | 1,4700  | 1           | 1,4700  | 1,5600     |      | 2            | 5             | 110 22-10-2018     |
| O                | WKL                       | WOLTERS-KLUWER                   | 16-11-2018  | 53,0000        | C                 | EUR               | 0,9800  | 0,9800  | 0,8900  | 2           | 0,8900  | 0,8100     |      | 1            | 8             | 46 22-10-2018      |
| O                | WKL                       | WOLTERS-KLUWER                   | 16-11-2018  | 53,0000        | P                 | EUR               | 2,1000  | 2,1000  | 2,1000  | 1           | 2,1000  | 2,1200     |      | 2            | 2             | 125 22-10-2018     |
| O                | WKL                       | WOLTERS-KLUWER                   | 16-11-2018  | 54,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,5100     |      | 1            | 0             | 51 22-10-2018      |
| O                | WKL                       | WOLTERS-KLUWER                   | 16-11-2018  | 54,0000        | P                 | EUR               | 2,5800  | 2,6600  | 2,5800  | 2           | 2,6600  | 2,8300     |      | 3            | 5             | 42 22-10-2018      |
| O                | WKL                       | WOLTERS-KLUWER                   | 16-11-2018  | 55,0000        | C                 | EUR               | 0,3200  | 0,3200  | 0,3200  | 1           | 0,3200  | 0,3300     |      | 0            | 3             | 60 22-10-2018      |
| O                | WKL                       | WOLTERS-KLUWER                   | 16-11-2018  | 55,0000        | P                 | EUR               | 3,5600  | 3,5600  | 3,5600  | 1           | 3,5600  | 3,6400     |      | 4            | 1             | 45 22-10-2018      |
| O                | WKL                       | WOLTERS-KLUWER                   | 16-11-2018  | 56,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2000     |      | 0            | 0             | 64 22-10-2018      |
| O                | WKL                       | WOLTERS-KLUWER                   | 16-11-2018  | 56,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,5200     |      | 5            | 0             | 10 22-10-2018      |
| O                | WKL                       | WOLTERS-KLUWER                   | 16-11-2018  | 58,0000        | C                 | EUR               | 0,1000  | 0,1000  | 0,1000  | 2           | 0,1000  | 0,0900     |      | 0            | 13            | 65 22-10-2018      |
| O                | WKL                       | WOLTERS-KLUWER                   | 16-11-2018  | 58,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,4000     |      | 6            | 0             | 16 22-10-2018      |
| O                | WKL                       | WOLTERS-KLUWER                   | 16-11-2018  | 60,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0400     |      | 0            | 0             | 12 22-10-2018      |
| O                | WKL                       | WOLTERS-KLUWER                   | 16-11-2018  | 60,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,3600     |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open    | High    | Low     | Trade Count | Close   | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|-----------------|-------------|----------------|-------------------|-------------------|---------|---------|---------|-------------|---------|------------|------|--------------|---------------|--------------------|
| O                | WKL                       | WOLTERS-KLUWER  | 21-12-2018  | 35,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0300     | 0    | 0            | 413           | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 21-12-2018  | 38,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 13,7500    | 14   | 0            | 0             | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 21-12-2018  | 38,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0700     | 0    | 0            | 42            | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 21-12-2018  | 40,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 11,7800    | 12   | 0            | 31            | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 21-12-2018  | 40,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1000     | 0    | 0            | 243           | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 21-12-2018  | 42,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 9,8200     | 10   | 0            | 33            | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 21-12-2018  | 42,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1400     | 0    | 0            | 250           | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 21-12-2018  | 44,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,9100     | 8    | 0            | 5             | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 21-12-2018  | 44,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2300     | 0    | 0            | 136           | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 21-12-2018  | 45,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,9900     | 7    | 0            | 39            | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 21-12-2018  | 45,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3100     | 0    | 0            | 277           | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 21-12-2018  | 46,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,0900     | 6    | 0            | 13            | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 21-12-2018  | 46,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,4100     | 0    | 0            | 90            | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 21-12-2018  | 48,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,3900     | 4    | 0            | 47            | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 21-12-2018  | 48,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,7200     | 1    | 0            | 97            | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 21-12-2018  | 49,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,6300     | 4    | 0            | 0             | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 21-12-2018  | 49,0000        | P                 | EUR               | 0,9000  | 0,9000  | 0,9000  | 1           | 0,9000  | 0,9600     | 1    | 2            | 5             | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 21-12-2018  | 50,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,9400     | 3    | 0            | 281           | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 21-12-2018  | 50,0000        | P                 | EUR               | 1,2800  | 1,2800  | 1,2800  | 2           | 1,2800  | 1,2700     | 1    | 5            | 177           | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 21-12-2018  | 51,0000        | C                 | EUR               | 2,8400  | 2,8400  | 2,8400  | 1           | 2,8400  | 2,3200     | 2    | 1            | 18            | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 21-12-2018  | 51,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,6500     | 2    | 0            | 22            | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 21-12-2018  | 52,0000        | C                 | EUR               | 1,7900  | 1,9200  | 1,7300  | 5           | 1,7300  | 1,8000     | 2    | 5            | 136           | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 21-12-2018  | 52,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,1300     | 2    | 0            | 1218          | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 21-12-2018  | 53,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,3400     | 1    | 0            | 36            | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 21-12-2018  | 53,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,6800     | 3    | 0            | 20            | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 21-12-2018  | 54,0000        | C                 | EUR               | 1,0000  | 1,0000  | 1,0000  | 1           | 1,0000  | 0,9800     | 1    | 2            | 120           | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 21-12-2018  | 54,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,3200     | 3    | 0            | 100           | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 21-12-2018  | 55,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,7000     | 1    | 0            | 117           | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 21-12-2018  | 55,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,0400     | 4    | 0            | 484           | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 21-12-2018  | 56,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,4900     | 0    | 0            | 97            | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 21-12-2018  | 56,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,8200     | 5    | 0            | 31            | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 21-12-2018  | 58,0000        | C                 | EUR               | 0,2900  | 0,2900  | 0,2900  | 1           | 0,2900  | 0,2500     | 0    | 12           | 123           | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 21-12-2018  | 58,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,5900     | 7    | 0            | 0             | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 21-12-2018  | 60,0000        | C                 | EUR               | 0,1500  | 0,1500  | 0,1500  | 1           | 0,1500  | 0,1300     | 0    | 10           | 143           | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 21-12-2018  | 60,0000        | P                 | EUR               | 8,3000  | 8,3000  | 8,3000  | 1           | 8,3000  | 8,4700     | 8    | 2            | 5             | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 21-12-2018  | 70,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 21-12-2018  | 70,0000        | P                 | EUR               | 18,2000 | 18,2000 | 18,2000 | 1           | 18,2000 | 18,3500    | 18   | 2            | 2             | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 21-12-2018  | 80,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 21-12-2018  | 80,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 28,3600    | 28   | 0            | 0             | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 18-1-2019   | 46,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,1400     | 6    | 0            | 0             | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 18-1-2019   | 46,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,4800     | 0    | 0            | 0             | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 18-1-2019   | 48,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,4800     | 4    | 0            | 0             | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 18-1-2019   | 48,0000        | P                 | EUR               | 0,7400  | 0,7400  | 0,7400  | 2           | 0,7400  | 0,8200     | 1    | 4            | 4             | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 18-1-2019   | 50,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,0400     | 3    | 0            | 0             | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 18-1-2019   | 50,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,3800     | 1    | 0            | 0             | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 18-1-2019   | 51,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,4300     | 2    | 0            | 0             | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 18-1-2019   | 51,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,7700     | 2    | 0            | 0             | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 18-1-2019   | 52,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,9200     | 2    | 0            | 0             | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 18-1-2019   | 52,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,2700     | 2    | 0            | 0             | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 18-1-2019   | 53,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,4700     | 1    | 0            | 0             | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 18-1-2019   | 53,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,8200     | 3    | 0            | 0             | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 18-1-2019   | 54,0000        | C                 | EUR               | 1,0800  | 1,0800  | 1,0800  | 1           | 1,0800  | 1,0900     | 1    | 4            | 4             | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 18-1-2019   | 54,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,4400     | 3    | 0            | 0             | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 18-1-2019   | 56,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,5800     | 1    | 0            | 0             | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 18-1-2019   | 56,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,9300     | 5    | 0            | 0             | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 18-1-2019   | 58,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3000     | 0    | 0            | 0             | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 18-1-2019   | 58,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,6600     | 7    | 0            | 0             | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 15-3-2019   | 28,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 23,7000    | 24   | 0            | 0             | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 15-3-2019   | 28,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 15-3-2019   | 30,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 21,7000    | 22   | 0            | 0             | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 15-3-2019   | 30,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0200     | 0    | 0            | 24            | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 15-3-2019   | 35,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 16,7500    | 17   | 0            | 10            | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 15-3-2019   | 35,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0800     | 0    | 0            | 224           | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 15-3-2019   | 40,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 11,9100    | 12   | 0            | 1             | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 15-3-2019   | 40,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2500     | 0    | 0            | 58            | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 15-3-2019   | 42,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,0400    | 10   | 0            | 0             | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 15-3-2019   | 42,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3900     | 0    | 0            | 70            | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 15-3-2019   | 44,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,2600     | 8    | 0            | 3             | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 15-3-2019   | 44,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,6000     | 1    | 0            | 87            | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 15-3-2019   | 46,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,5800     | 7    | 0            | 80            | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 15-3-2019   | 46,0000        | P                 | EUR               | 0,9100  | 0,9100  | 0,9100  | 2           | 0,9100  | 0,9300     | 1    | 23           | 90            | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 15-3-2019   | 48,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,0600     | 5    | 0            | 146           | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 15-3-2019   | 48,0000        | P                 | EUR               | 1,4000  | 1,4000  | 1,3600  | 2           | 1,3600  | 1,4200     | 1    | 20           | 65            | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 15-3-2019   | 50,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,7200     | 4    | 0            | 296           | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 15-3-2019   | 50,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,0800     | 2    | 0            | 307           | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 15-3-2019   | 52,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,6100     | 3    | 0            | 24            | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 15-3-2      |                |                   |                   |         |         |         |             |         |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open    | High    | Low     | Trade Count | Close   | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|-----------------|-------------|----------------|-------------------|-------------------|---------|---------|---------|-------------|---------|------------|------|--------------|---------------|--------------------|
| O                | WKL                       | WOLTERS-KLUWER  | 15-3-2019   | 60,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,4400     | 0    | 0            | 285           | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 15-3-2019   | 60,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,8200     | 9    | 0            | 0             | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 15-3-2019   | 70,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0400     | 0    | 0            | 0             | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 15-3-2019   | 70,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 18,4300    | 18   | 0            | 0             | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 15-3-2019   | 80,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 15-3-2019   | 80,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 28,4100    | 28   | 0            | 0             | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 21-6-2019   | 25,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 26,7000    | 27   | 0            | 0             | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 21-6-2019   | 25,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 46           | 22-10-2018    |                    |
| O                | WKL                       | WOLTERS-KLUWER  | 21-6-2019   | 30,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 21,7200    | 22   | 0            | 0             | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 21-6-2019   | 30,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0900     | 0    | 45           | 22-10-2018    |                    |
| O                | WKL                       | WOLTERS-KLUWER  | 21-6-2019   | 35,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 16,7900    | 17   | 0            | 11            | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 21-6-2019   | 35,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2100     | 0    | 249          | 22-10-2018    |                    |
| O                | WKL                       | WOLTERS-KLUWER  | 21-6-2019   | 40,0000        | C                 | EUR               | 12,2500 | 12,2500 | 12,2500 | 1           | 12,2500 | 12,0300    | 12   | 2            | 42            | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 21-6-2019   | 40,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,5400     | 1    | 0            | 267           | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 21-6-2019   | 45,0000        | C                 | EUR               | 7,8500  | 7,8500  | 7,8500  | 2           | 7,8500  | 7,6900     | 8    | 3            | 217           | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 21-6-2019   | 45,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,3300     | 1    | 0            | 429           | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 21-6-2019   | 46,0000        | C                 | EUR               | 7,1500  | 7,1500  | 7,1500  | 1           | 7,1500  | 6,8900     | 7    | 2            | 26            | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 21-6-2019   | 46,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,5700     | 2    | 0            | 68            | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 21-6-2019   | 48,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,4500     | 5    | 0            | 16            | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 21-6-2019   | 48,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,1800     | 2    | 0            | 38            | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 21-6-2019   | 50,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,1800     | 4    | 0            | 763           | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 21-6-2019   | 50,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,9600     | 3    | 0            | 346           | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 21-6-2019   | 52,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,1500     | 3    | 0            | 61            | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 21-6-2019   | 52,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,9900     | 4    | 0            | 620           | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 21-6-2019   | 54,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,2800     | 2    | 0            | 15            | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 21-6-2019   | 54,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,1500     | 5    | 0            | 200           | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 21-6-2019   | 55,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,9200     | 2    | 0            | 24            | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 21-6-2019   | 55,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,8000     | 6    | 0            | 5             | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 21-6-2019   | 56,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,6200     | 2    | 0            | 1             | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 21-6-2019   | 56,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,5200     | 7    | 0            | 2             | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 21-6-2019   | 58,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,1200     | 1    | 0            | 12            | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 21-6-2019   | 58,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,0400     | 8    | 0            | 2             | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 21-6-2019   | 60,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,7700     | 1    | 0            | 56            | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 21-6-2019   | 60,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 9,7100     | 10   | 0            | 23            | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 21-6-2019   | 70,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1100     | 0    | 0            | 0             | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 21-6-2019   | 70,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 19,0900    | 19   | 0            | 10            | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 21-6-2019   | 80,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 21-6-2019   | 80,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 29,0000    | 29   | 0            | 0             | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 20-9-2019   | 35,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 16,8200    | 17   | 0            | 0             | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 20-9-2019   | 35,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3600     | 0    | 0            | 0             | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 20-9-2019   | 40,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,1200    | 12   | 0            | 0             | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 20-9-2019   | 40,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,8200     | 1    | 0            | 2             | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 20-9-2019   | 45,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,9500     | 8    | 0            | 0             | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 20-9-2019   | 45,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,8400     | 2    | 0            | 6             | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 20-9-2019   | 46,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,2000     | 7    | 0            | 0             | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 20-9-2019   | 46,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,1200     | 2    | 0            | 0             | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 20-9-2019   | 48,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,8200     | 6    | 0            | 0             | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 20-9-2019   | 48,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,8200     | 3    | 0            | 5             | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 20-9-2019   | 50,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,6100     | 5    | 0            | 0             | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 20-9-2019   | 50,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,6700     | 4    | 0            | 210           | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 20-9-2019   | 52,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,5900     | 4    | 0            | 21            | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 20-9-2019   | 52,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,7000     | 5    | 0            | 0             | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 20-9-2019   | 54,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,7200     | 3    | 0            | 0             | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 20-9-2019   | 54,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,8800     | 6    | 0            | 7             | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 20-9-2019   | 56,0000        | C                 | EUR               | 2,1000  | 2,1200  | 2,0700  | 4           | 2,0800  | 2,0500     | 2    | 52           | 68            | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 20-9-2019   | 56,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,2400     | 7    | 0            | 0             | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 20-9-2019   | 60,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,1000     | 1    | 0            | 4             | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 20-9-2019   | 60,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,3200    | 10   | 0            | 9             | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 20-9-2019   | 70,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2200     | 0    | 0            | 0             | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 20-9-2019   | 70,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 19,5000    | 20   | 0            | 29            | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 20-9-2019   | 80,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0300     | 0    | 0            | 0             | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 20-9-2019   | 80,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 29,3500    | 29   | 0            | 0             | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 20-12-2019  | 30,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 21,7300    | 22   | 0            | 0             | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 20-12-2019  | 30,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2300     | 0    | 0            | 8             | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 20-12-2019  | 35,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 16,8600    | 17   | 0            | 2             | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 20-12-2019  | 35,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,4900     | 0    | 0            | 142           | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 20-12-2019  | 40,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,2600    | 12   | 0            | 40            | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 20-12-2019  | 40,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,0900     | 1    | 0            | 83            | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 20-12-2019  | 45,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,2100     | 8    | 0            | 157           | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 20-12-2019  | 45,0000        | P                 | EUR               | 2,1300  | 2,1300  | 2,1300  | 2           | 2,1300  | 2,2300     | 2    | 20           | 118           | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 20-12-2019  | 50,0000        | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,0000     | 5    | 0            | 102           | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 20-12-2019  | 50,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,1600     | 4    | 0            | 144           | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 20-12-2019  | 55,0000        | C                 | EUR               | 2,8500  | 2,8500  | 2,8500  | 1           | 2,8500  | 2,7700     | 3    | 1            | 204           | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 20-12-2019  | 55,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,0000     | 7    | 0            | 24            | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 20-12-2019  | 60,0000        | C                 | EUR               | 1,4500  | 1,4500  | 1,4400  | 4           | 1,4400  | 1,4300     | 1    | 40           | 104           | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 20-12-2019  | 60,0000        | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,7000    | 11   | 0            | 1             | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER  | 20-12-2019  | 80,0000        | C                 | EUR               | 0,0000  |         |         |             |         |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name                               | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|---|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | WKL                       | WOLTERS-KLUWER                                | 19-6-2020   | 45,0000        | P                 | EUR               | 3,1000 | 3,1000 | 3,1000 | 1           | 3,1000 | 3,0900     | 3    | 35           | 113           | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER                                | 19-6-2020   | 50,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,6100     | 6    | 0            | 25            | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER                                | 19-6-2020   | 50,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,1900     | 5    | 0            | 82            | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER                                | 19-6-2020   | 55,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4700     | 3    | 0            | 90            | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER                                | 19-6-2020   | 55,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,1500     | 8    | 0            | 83            | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER                                | 19-6-2020   | 60,0000        | C                 | EUR               | 2,1000 | 2,1000 | 2,1000 | 2           | 2,1000 | 2,0800     | 2    | 18           | 302           | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER                                | 19-6-2020   | 60,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,8300    | 12   | 0            | 1             | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER                                | 19-6-2020   | 80,0000        | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2200     | 0    | 0            | 0             | 22-10-2018         |
| O                | WKL                       | WOLTERS-KLUWER                                | 19-6-2020   | 80,0000        | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 30,1000    | 30   | 0            | 0             | 22-10-2018         |
| F                | WM6                       | Morrison (WM) Supermarkets - Stock Future     | 16-11-2018  | 0,0000         | GBX               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 250,2000   | 250  | 0            | 0             | 22-10-2018         |
| F                | WM6                       | Morrison (WM) Supermarkets - Stock Future     | 21-12-2018  | 0,0000         | GBX               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 250,3600   | 250  | 0            | 0             | 22-10-2018         |
| F                | WM6                       | Morrison (WM) Supermarkets - Stock Future     | 18-1-2019   | 0,0000         | GBX               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 250,4900   | 250  | 0            | 0             | 22-10-2018         |
| F                | WM6                       | Morrison (WM) Supermarkets - Stock Future     | 15-3-2019   | 0,0000         | GBX               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 250,7700   | 251  | 0            | 0             | 22-10-2018         |
| F                | WM6                       | Morrison (WM) Supermarkets - Stock Future     | 21-6-2019   | 0,0000         | GBX               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 246,6200   | 247  | 0            | 0             | 22-10-2018         |
| F                | WM6                       | Morrison (WM) Supermarkets - Stock Future     | 20-9-2019   | 0,0000         | GBX               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 247,1700   | 247  | 0            | 0             | 22-10-2018         |
| F                | WM8                       | WM Morrison Supermarkets - Dividend Future    | 21-12-2018  | 0,0000         | GBX               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,1612     | 6    | 0            | 0             | 22-10-2018         |
| F                | WM8                       | WM Morrison Supermarkets - Dividend Future    | 20-12-2019  | 0,0000         | GBX               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,7300     | 7    | 0            | 0             | 22-10-2018         |
| F                | WM8                       | WM Morrison Supermarkets - Dividend Future    | 18-12-2020  | 0,0000         | GBX               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,4000     | 7    | 0            | 0             | 22-10-2018         |
| F                | WM8                       | WM Morrison Supermarkets - Dividend Future    | 17-12-2021  | 0,0000         | GBX               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,8000     | 8    | 0            | 0             | 22-10-2018         |
| F                | WM8                       | WM Morrison Supermarkets - Dividend Future    | 16-12-2022  | 0,0000         | GBX               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,8000     | 8    | 0            | 0             | 22-10-2018         |
| F                | WO6                       | Ferguson - Stock Future                       | 16-11-2018  | 0,0000         | GBX               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5236,1900  | 5236 | 0            | 0             | 22-10-2018         |
| F                | WO6                       | Ferguson - Stock Future                       | 21-12-2018  | 0,0000         | GBX               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5239,4400  | 5239 | 0            | 0             | 22-10-2018         |
| F                | WO6                       | Ferguson - Stock Future                       | 18-1-2019   | 0,0000         | GBX               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5242,2000  | 5242 | 0            | 0             | 22-10-2018         |
| F                | WO6                       | Ferguson - Stock Future                       | 15-3-2019   | 0,0000         | GBX               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5248,1200  | 5248 | 0            | 0             | 22-10-2018         |
| F                | WO6                       | Ferguson - Stock Future                       | 21-6-2019   | 0,0000         | GBX               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5215,0600  | 5215 | 0            | 0             | 22-10-2018         |
| F                | WO6                       | Ferguson - Stock Future                       | 20-9-2019   | 0,0000         | GBX               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5226,7200  | 5227 | 0            | 0             | 22-10-2018         |
| F                | WP6                       | WPP - Stock Future                            | 16-11-2018  | 0,0000         | GBX               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1042,7100  | 1043 | 0            | 0             | 22-10-2018         |
| F                | WP6                       | WPP - Stock Future                            | 21-12-2018  | 0,0000         | GBX               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1043,3500  | 1043 | 0            | 0             | 22-10-2018         |
| F                | WP6                       | WPP - Stock Future                            | 18-1-2019   | 0,0000         | GBX               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1043,9000  | 1044 | 0            | 0             | 22-10-2018         |
| F                | WP6                       | WPP - Stock Future                            | 15-3-2019   | 0,0000         | GBX               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1045,0800  | 1045 | 0            | 0             | 22-10-2018         |
| F                | WP6                       | WPP - Stock Future                            | 21-6-2019   | 0,0000         | GBX               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1009,5700  | 1010 | 0            | 0             | 22-10-2018         |
| F                | WP6                       | WPP - Stock Future                            | 20-9-2019   | 0,0000         | GBX               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1011,8300  | 1012 | 0            | 0             | 22-10-2018         |
| F                | WP8                       | WPP - Dividend Future                         | 21-12-2018  | 0,0000         | GBX               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 60,0000    | 60   | 0            | 0             | 22-10-2018         |
| F                | WP8                       | WPP - Dividend Future                         | 20-12-2019  | 0,0000         | GBX               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 68,5000    | 69   | 0            | 0             | 22-10-2018         |
| F                | WP8                       | WPP - Dividend Future                         | 18-12-2020  | 0,0000         | GBX               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 72,5000    | 73   | 0            | 0             | 22-10-2018         |
| F                | WP8                       | WPP - Dividend Future                         | 17-12-2021  | 0,0000         | GBX               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 75,5000    | 76   | 0            | 0             | 22-10-2018         |
| F                | WP8                       | WPP - Dividend Future                         | 16-12-2022  | 0,0000         | GBX               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 75,5000    | 76   | 0            | 0             | 22-10-2018         |
| F                | WQ6                       | BE Semiconductor Industries NV - Stock Future | 16-11-2018  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,8800    | 18   | 0            | 0             | 22-10-2018         |
| F                | WQ6                       | BE Semiconductor Industries NV - Stock Future | 21-12-2018  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,8785    | 18   | 0            | 8000          | 22-10-2018         |
| F                | WQ6                       | BE Semiconductor Industries NV - Stock Future | 18-1-2019   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,8778    | 18   | 0            | 0             | 22-10-2018         |
| F                | WQ6                       | BE Semiconductor Industries NV - Stock Future | 15-3-2019   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,8814    | 18   | 0            | 0             | 22-10-2018         |
| F                | WQ6                       | BE Semiconductor Industries NV - Stock Future | 21-6-2019   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,5323    | 17   | 0            | 0             | 22-10-2018         |
| F                | WQ6                       | BE Semiconductor Industries NV - Stock Future | 20-9-2019   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,5332    | 17   | 0            | 0             | 22-10-2018         |
| F                | WS6                       | SNAM - Stock Future                           | 15-11-2018  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,6081     | 4    | 0            | 0             | 22-10-2018         |
| F                | WS6                       | SNAM - Stock Future                           | 20-12-2018  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,6067     | 4    | 0            | 0             | 22-10-2018         |
| F                | WS6                       | SNAM - Stock Future                           | 17-1-2019   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,6056     | 4    | 0            | 0             | 22-10-2018         |
| F                | WS6                       | SNAM - Stock Future                           | 14-3-2019   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5161     | 4    | 0            | 0             | 22-10-2018         |
| F                | WS6                       | SNAM - Stock Future                           | 20-6-2019   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5130     | 4    | 0            | 0             | 22-10-2018         |
| F                | WS6                       | SNAM - Stock Future                           | 19-9-2019   | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3778     | 3    | 0            | 0             | 22-10-2018         |
| F                | WS8                       | SNAM - Dividend Future                        | 21-12-2018  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2155     | 0    | 0            | 500           | 22-10-2018         |
| F                | WS8                       | SNAM - Dividend Future                        | 20-12-2019  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2075     | 0    | 0            | 2250          | 22-10-2018         |
| F                | WS8                       | SNAM - Dividend Future                        | 18-12-2020  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2000     | 0    | 0            | 1025          | 22-10-2018         |
| F                | WS8                       | SNAM - Dividend Future                        | 17-12-2021  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1850     | 0    | 0            | 400           | 22-10-2018         |
| F                | WS8                       | SNAM - Dividend Future                        | 16-12-2022  | 0,0000         | EUR               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1850     | 0    | 0            | 70            | 22-10-2018         |
| F                | YA6                       | Yara International - Stock Future             | 16-11-2018  | 0,0000         | NOK               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 376,4635   | 376  | 0            | 0             | 22-10-2018         |
| F                | YA6                       | Yara International - Stock Future             | 21-12-2018  | 0,0000         | NOK               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 376,9352   | 377  | 0            | 0             | 22-10-2018         |
| F                | YA6                       | Yara International - Stock Future             | 18-1-2019   | 0,0000         | NOK               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 377,4276   | 377  | 0            | 0             | 22-10-2018         |
| F                | YA6                       | Yara International - Stock Future             | 15-3-2019   | 0,0000         | NOK               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 378,3157   | 378  | 0            | 0             | 22-10-2018         |
| F                | YA6                       | Yara International - Stock Future             | 21-6-2019   | 0,0000         | NOK               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 373,7145   | 374  | 0            | 0             | 22-10-2018         |
| F                | YA6                       | Yara International - Stock Future             | 20-9-2019   | 0,0000         | NOK               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 375,3035   | 375  | 0            | 0             | 22-10-2018         |
| F                | YC8                       | Bank Of America - Dividend Future             | 18-1-2019   | 0,0000         | USD               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6200     | 1    | 0            | 0             | 22-10-2018         |
| F                | YC8                       | Bank Of America - Dividend Future             | 17-1-2020   | 0,0000         | USD               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8200     | 1    | 0            | 0             | 22-10-2018         |
| F                | YC8                       | Bank Of America - Dividend Future             | 15-1-2021   | 0,0000         | USD               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9800     | 1    | 0            | 0             | 22-10-2018         |
| F                | YC8                       | Bank Of America - Dividend Future             | 21-1-2022   | 0,0000         | USD               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9800     | 1    | 0            | 0             | 22-10-2018         |
| F                | YC8                       | Bank Of America - Dividend Future             | 20-1-2023   | 0,0000         | USD               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9800     | 1    | 0            | 0             | 22-10-2018         |
| F                | YD8                       | Procter & Gamble - Dividend Future            | 18-1-2019   | 0,0000         | USD               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8412     | 3    | 0            | 0             | 22-10-2018         |
| F                | YD8                       | Procter & Gamble - Dividend Future            | 17-1-2020   | 0,0000         | USD               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9264     | 3    | 0            | 0             | 22-10-2018         |
| F                | YD8                       | Procter & Gamble - Dividend Future            | 15-1-2021   | 0,0000         | USD               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9264     | 3    | 0            | 0             | 22-10-2018         |
| F                | YD8                       | Procter & Gamble - Dividend Future            | 21-1-2022   | 0,0000         | USD               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9264     | 3    | 0            | 0             | 22-10-2018         |
| F                | YD8                       | Procter & Gamble - Dividend Future            | 20-1-2023   | 0,0000         | USD               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9264     | 3    | 0            | 0             | 22-10-2018         |
| F                | YE8                       | Pfizer - Dividend Future                      | 18-1-2019   | 0,0000         | USD               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3600     | 1    | 0            | 0             | 22-10-2018         |
| F                | YE8                       | Pfizer - Dividend Future                      | 17-1-2020   | 0,0000         | USD               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4400     | 1    | 0            | 0             | 22-10-2018         |
| F                | YE8                       | Pfizer - Dividend Future                      | 15-1-2021   | 0,0000         | USD               | 0,0000            | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5200     | 2    | 0            | 0             | 22-10-2018         |
| F                | YE8                       | Pfizer - Dividend Future                      | 21-1-2022   | 0,0            |                   |                   |        |        |        |             |        |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name                        | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|--|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| F                | YH8                       | Home Depot - Dividend Future           | 18-1-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,0800     |      | 4            | 0             | 22-10-2018         |
| F                | YH8                       | Home Depot - Dividend Future           | 17-1-2020   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,4000     |      | 4            | 0             | 22-10-2018         |
| F                | YH8                       | Home Depot - Dividend Future           | 15-1-2021   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,8800     |      | 5            | 0             | 22-10-2018         |
| F                | YH8                       | Home Depot - Dividend Future           | 21-1-2022   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,8800     |      | 5            | 0             | 22-10-2018         |
| F                | YH8                       | Home Depot - Dividend Future           | 20-1-2023   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,8800     |      | 5            | 0             | 22-10-2018         |
| F                | YI6                       | YIT OYJ - Stock Future                 | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,2586     |      | 5            | 0             | 22-10-2018         |
| F                | YI6                       | YIT OYJ - Stock Future                 | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,2565     |      | 5            | 0             | 22-10-2018         |
| F                | YI6                       | YIT OYJ - Stock Future                 | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,2549     |      | 5            | 0             | 22-10-2018         |
| F                | YI6                       | YIT OYJ - Stock Future                 | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,2532     |      | 5            | 0             | 22-10-2018         |
| F                | YI6                       | YIT OYJ - Stock Future                 | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,9687     |      | 5            | 0             | 22-10-2018         |
| F                | YI6                       | YIT OYJ - Stock Future                 | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,9647     |      | 5            | 0             | 22-10-2018         |
| F                | YJ8                       | Comcast Corp-Class A - Dividend Future | 18-1-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7100     |      | 1            | 0             | 22-10-2018         |
| F                | YJ8                       | Comcast Corp-Class A - Dividend Future | 17-1-2020   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7800     |      | 1            | 0             | 22-10-2018         |
| F                | YJ8                       | Comcast Corp-Class A - Dividend Future | 15-1-2021   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8800     |      | 1            | 0             | 22-10-2018         |
| F                | YJ8                       | Comcast Corp-Class A - Dividend Future | 21-1-2022   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8800     |      | 1            | 0             | 22-10-2018         |
| F                | YJ8                       | Comcast Corp-Class A - Dividend Future | 20-1-2023   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8800     |      | 1            | 0             | 22-10-2018         |
| F                | YK8                       | AENA SME - Dividend Future             | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,5000     |      | 7            | 0             | 22-10-2018         |
| F                | YK8                       | AENA SME - Dividend Future             | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,9000     |      | 7            | 0             | 22-10-2018         |
| F                | YK8                       | AENA SME - Dividend Future             | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,3000     |      | 7            | 0             | 22-10-2018         |
| F                | YK8                       | AENA SME - Dividend Future             | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,4000     |      | 7            | 0             | 22-10-2018         |
| F                | YK8                       | AENA SME - Dividend Future             | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,5000     |      | 8            | 0             | 22-10-2018         |
| F                | YL8                       | Merck & Co - Dividend Future           | 18-1-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9300     |      | 2            | 0             | 22-10-2018         |
| F                | YL8                       | Merck & Co - Dividend Future           | 17-1-2020   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9700     |      | 2            | 0             | 22-10-2018         |
| F                | YL8                       | Merck & Co - Dividend Future           | 15-1-2021   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0100     |      | 2            | 0             | 22-10-2018         |
| F                | YL8                       | Merck & Co - Dividend Future           | 21-1-2022   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0100     |      | 2            | 0             | 22-10-2018         |
| F                | YL8                       | Merck & Co - Dividend Future           | 20-1-2023   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0100     |      | 2            | 0             | 22-10-2018         |
| F                | YM8                       | Intel - Dividend Future                | 18-1-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2000     |      | 1            | 0             | 22-10-2018         |
| F                | YM8                       | Intel - Dividend Future                | 17-1-2020   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2100     |      | 1            | 0             | 22-10-2018         |
| F                | YM8                       | Intel - Dividend Future                | 15-1-2021   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2800     |      | 1            | 0             | 22-10-2018         |
| F                | YM8                       | Intel - Dividend Future                | 21-1-2022   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2800     |      | 1            | 0             | 22-10-2018         |
| F                | YM8                       | Intel - Dividend Future                | 20-1-2023   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2800     |      | 1            | 0             | 22-10-2018         |
| F                | YN8                       | Cisco Systems - Dividend Future        | 18-1-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2400     |      | 1            | 0             | 22-10-2018         |
| F                | YN8                       | Cisco Systems - Dividend Future        | 17-1-2020   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3600     |      | 1            | 0             | 22-10-2018         |
| F                | YN8                       | Cisco Systems - Dividend Future        | 15-1-2021   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3600     |      | 1            | 0             | 22-10-2018         |
| F                | YN8                       | Cisco Systems - Dividend Future        | 21-1-2022   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3600     |      | 1            | 0             | 22-10-2018         |
| F                | YN8                       | Cisco Systems - Dividend Future        | 20-1-2023   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3600     |      | 1            | 0             | 22-10-2018         |
| F                | YOB                       | Citigroup - Dividend Future            | 18-1-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0400     |      | 1            | 0             | 22-10-2018         |
| F                | YOB                       | Citigroup - Dividend Future            | 17-1-2020   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2500     |      | 1            | 0             | 22-10-2018         |
| F                | YOB                       | Citigroup - Dividend Future            | 15-1-2021   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2500     |      | 1            | 0             | 22-10-2018         |
| F                | YOB                       | Citigroup - Dividend Future            | 21-1-2022   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2500     |      | 1            | 0             | 22-10-2018         |
| F                | YOB                       | Citigroup - Dividend Future            | 20-1-2023   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2500     |      | 1            | 0             | 22-10-2018         |
| F                | YP8                       | Visa Inc - Dividend Future             | 18-1-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7400     |      | 1            | 0             | 22-10-2018         |
| F                | YP8                       | Visa Inc - Dividend Future             | 17-1-2020   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8000     |      | 1            | 0             | 22-10-2018         |
| F                | YP8                       | Visa Inc - Dividend Future             | 15-1-2021   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8000     |      | 1            | 0             | 22-10-2018         |
| F                | YP8                       | Visa Inc - Dividend Future             | 21-1-2022   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8000     |      | 1            | 0             | 22-10-2018         |
| F                | YP8                       | Visa Inc - Dividend Future             | 20-1-2023   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8000     |      | 1            | 0             | 22-10-2018         |
| F                | YQ8                       | Walt Disney - Dividend Future          | 18-1-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5400     |      | 2            | 0             | 22-10-2018         |
| F                | YQ8                       | Walt Disney - Dividend Future          | 17-1-2020   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1000     |      | 2            | 0             | 22-10-2018         |
| F                | YQ8                       | Walt Disney - Dividend Future          | 15-1-2021   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2000     |      | 2            | 0             | 22-10-2018         |
| F                | YQ8                       | Walt Disney - Dividend Future          | 21-1-2022   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2000     |      | 2            | 0             | 22-10-2018         |
| F                | YQ8                       | Walt Disney - Dividend Future          | 20-1-2023   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2000     |      | 2            | 0             | 22-10-2018         |
| F                | YR8                       | Coca-Cola - Dividend Future            | 18-1-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5600     |      | 2            | 0             | 22-10-2018         |
| F                | YR8                       | Coca-Cola - Dividend Future            | 17-1-2020   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6800     |      | 2            | 0             | 22-10-2018         |
| F                | YR8                       | Coca-Cola - Dividend Future            | 15-1-2021   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8000     |      | 2            | 0             | 22-10-2018         |
| F                | YR8                       | Coca-Cola - Dividend Future            | 21-1-2022   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8800     |      | 2            | 0             | 22-10-2018         |
| F                | YR8                       | Coca-Cola - Dividend Future            | 20-1-2023   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8800     |      | 2            | 0             | 22-10-2018         |
| F                | YS6                       | Barclays - Stock Future                | 16-11-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 165,3900   |      | 165          | 0             | 22-10-2018         |
| F                | YS6                       | Barclays - Stock Future                | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 165,4900   |      | 165          | 0             | 22-10-2018         |
| F                | YS6                       | Barclays - Stock Future                | 18-1-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 165,5800   |      | 166          | 0             | 22-10-2018         |
| F                | YS6                       | Barclays - Stock Future                | 15-3-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 162,2600   |      | 162          | 0             | 22-10-2018         |
| F                | YS6                       | Barclays - Stock Future                | 21-6-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 162,6200   |      | 163          | 0             | 22-10-2018         |
| F                | YS6                       | Barclays - Stock Future                | 20-9-2019   | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 160,5800   |      | 161          | 0             | 22-10-2018         |
| F                | YS8                       | Barclays - Dividend Future             | 21-12-2018  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,5000     |      | 5            | 0             | 22-10-2018         |
| F                | YS8                       | Barclays - Dividend Future             | 20-12-2019  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,2000     |      | 4            | 0             | 22-10-2018         |
| F                | YS8                       | Barclays - Dividend Future             | 18-12-2020  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,2000     |      | 4            | 0             | 22-10-2018         |
| F                | YS8                       | Barclays - Dividend Future             | 17-12-2021  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,2000     |      | 4            | 0             | 22-10-2018         |
| F                | YS8                       | Barclays - Dividend Future             | 16-12-2022  | 0,0000         |                   | GBX               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,2000     |      | 4            | 0             | 22-10-2018         |
| F                | YT8                       | Pepsico - Dividend Future              | 18-1-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3850     |      | 3            | 0             | 22-10-2018         |
| F                | YT8                       | Pepsico - Dividend Future              | 17-1-2020   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,6200     |      | 4            | 0             | 22-10-2018         |
| F                | YT8                       | Pepsico - Dividend Future              | 15-1-2021   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8600     |      | 4            | 0             | 22-10-2018         |
| F                | YT8                       | Pepsico - Dividend Future              | 21-1-2022   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9900     |      | 4            | 0             | 22-10-2018         |
| F                | YT8                       | Pepsico - Dividend Future              | 20-1-2023   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9900     |      | 4            | 0             | 22-10-2018         |
| F                | YU8                       | UnitedHealth - Dividend Future         | 18-1-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2250     |      | 3            | 0             | 22-10-2018         |
| F                | YU8                       | UnitedHealth - Dividend Future         | 17-1-2020   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5250     |      | 4            | 0             | 22-10-2018         |
| F                | YU8                       | UnitedHealth - Dividend Future         | 15-1-2021   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8250     |      | 4            | 0             | 22-10-2018         |
| F                | YU8                       | UnitedHealth - Dividend Future         | 21-1-2022   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9900     |      | 4            | 0             | 22-10-2018         |
| F                | YU8                       | UnitedHealth - Dividend Future         | 20-1-2023   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9900     |      | 4            | 0             | 22-10-2018         |
| F                | YV8                       | IBM - Dividend Future                  | 18-1-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,3000     |      | 6            | 0             | 22-10-2018         |
| F                | YV8                       | IBM - Dividend Future                  | 1           |                |                   |                   |        |        |        |             |        |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name                           | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|---|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| F                | YW8                       | Altria Group - Dividend Future            | 21-1-2022   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3000     |      | 3            | 0             | 0 22-10-2018       |
| F                | YW8                       | Altria Group - Dividend Future            | 20-1-2023   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3000     |      | 3            | 0             | 0 22-10-2018       |
| F                | YX8                       | Oracle - Dividend Future                  | 18-1-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7600     |      | 1            | 0             | 0 22-10-2018       |
| F                | YX8                       | Oracle - Dividend Future                  | 17-1-2020   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9200     |      | 1            | 0             | 0 22-10-2018       |
| F                | YX8                       | Oracle - Dividend Future                  | 15-1-2021   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9500     |      | 1            | 0             | 0 22-10-2018       |
| F                | YX8                       | Oracle - Dividend Future                  | 21-1-2022   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9900     |      | 1            | 0             | 0 22-10-2018       |
| F                | YX8                       | Oracle - Dividend Future                  | 20-1-2023   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9900     |      | 1            | 0             | 0 22-10-2018       |
| F                | YY8                       | Amgen - Dividend Future                   | 18-1-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,2800     |      | 5            | 0             | 0 22-10-2018       |
| F                | YY8                       | Amgen - Dividend Future                   | 17-1-2020   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,0800     |      | 6            | 0             | 0 22-10-2018       |
| F                | YY8                       | Amgen - Dividend Future                   | 15-1-2021   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,4800     |      | 6            | 0             | 0 22-10-2018       |
| F                | YY8                       | Amgen - Dividend Future                   | 21-1-2022   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,4800     |      | 6            | 0             | 0 22-10-2018       |
| F                | YY8                       | Amgen - Dividend Future                   | 20-1-2023   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,4800     |      | 6            | 0             | 0 22-10-2018       |
| F                | ZB8                       | 3M - Dividend Future                      | 18-1-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,4400     |      | 5            | 0             | 0 22-10-2018       |
| F                | ZB8                       | 3M - Dividend Future                      | 17-1-2020   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,5600     |      | 6            | 0             | 0 22-10-2018       |
| F                | ZB8                       | 3M - Dividend Future                      | 15-1-2021   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,6000     |      | 6            | 0             | 0 22-10-2018       |
| F                | ZB8                       | 3M - Dividend Future                      | 21-1-2022   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,9000     |      | 6            | 0             | 0 22-10-2018       |
| F                | ZB8                       | 3M - Dividend Future                      | 20-1-2023   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,9000     |      | 6            | 0             | 0 22-10-2018       |
| F                | ZC8                       | Medtronic - Dividend Future               | 18-1-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9600     |      | 2            | 0             | 0 22-10-2018       |
| F                | ZC8                       | Medtronic - Dividend Future               | 17-1-2020   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1500     |      | 2            | 0             | 0 22-10-2018       |
| F                | ZC8                       | Medtronic - Dividend Future               | 15-1-2021   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3500     |      | 2            | 0             | 0 22-10-2018       |
| F                | ZC8                       | Medtronic - Dividend Future               | 21-1-2022   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3500     |      | 2            | 0             | 0 22-10-2018       |
| F                | ZC8                       | Medtronic - Dividend Future               | 20-1-2023   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3500     |      | 2            | 0             | 0 22-10-2018       |
| F                | ZD8                       | Schlumberger - Dividend Future            | 18-1-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2000     |      | 2            | 0             | 0 22-10-2018       |
| F                | ZD8                       | Schlumberger - Dividend Future            | 17-1-2020   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4000     |      | 2            | 0             | 0 22-10-2018       |
| F                | ZD8                       | Schlumberger - Dividend Future            | 15-1-2021   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6000     |      | 3            | 0             | 0 22-10-2018       |
| F                | ZD8                       | Schlumberger - Dividend Future            | 21-1-2022   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8000     |      | 3            | 0             | 0 22-10-2018       |
| F                | ZD8                       | Schlumberger - Dividend Future            | 20-1-2023   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8000     |      | 3            | 0             | 0 22-10-2018       |
| F                | ZE8                       | Walmart Inc. - Dividend Future            | 18-1-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0800     |      | 2            | 0             | 0 22-10-2018       |
| F                | ZE8                       | Walmart Inc. - Dividend Future            | 17-1-2020   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1200     |      | 2            | 0             | 0 22-10-2018       |
| F                | ZE8                       | Walmart Inc. - Dividend Future            | 15-1-2021   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1600     |      | 2            | 0             | 0 22-10-2018       |
| F                | ZE8                       | Walmart Inc. - Dividend Future            | 21-1-2022   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2000     |      | 2            | 0             | 0 22-10-2018       |
| F                | ZE8                       | Walmart Inc. - Dividend Future            | 20-1-2023   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2000     |      | 2            | 0             | 0 22-10-2018       |
| F                | ZF8                       | McDonalds - Dividend Future               | 18-1-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,1900     |      | 4            | 0             | 0 22-10-2018       |
| F                | ZF8                       | McDonalds - Dividend Future               | 17-1-2020   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,3900     |      | 4            | 0             | 0 22-10-2018       |
| F                | ZF8                       | McDonalds - Dividend Future               | 15-1-2021   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,6700     |      | 5            | 0             | 0 22-10-2018       |
| F                | ZF8                       | McDonalds - Dividend Future               | 21-1-2022   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,9500     |      | 5            | 0             | 0 22-10-2018       |
| F                | ZF8                       | McDonalds - Dividend Future               | 20-1-2023   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,9500     |      | 5            | 0             | 0 22-10-2018       |
| F                | ZG8                       | Mastercard - A - Dividend Future          | 18-1-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0400     |      | 1            | 0             | 0 22-10-2018       |
| F                | ZG8                       | Mastercard - A - Dividend Future          | 17-1-2020   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2100     |      | 1            | 0             | 0 22-10-2018       |
| F                | ZG8                       | Mastercard - A - Dividend Future          | 15-1-2021   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4200     |      | 1            | 0             | 0 22-10-2018       |
| F                | ZG8                       | Mastercard - A - Dividend Future          | 21-1-2022   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4200     |      | 1            | 0             | 0 22-10-2018       |
| F                | ZG8                       | Mastercard - A - Dividend Future          | 20-1-2023   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4200     |      | 1            | 0             | 0 22-10-2018       |
| F                | ZH8                       | AbbVie - Dividend Future                  | 18-1-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9100     |      | 3            | 0             | 0 22-10-2018       |
| F                | ZH8                       | AbbVie - Dividend Future                  | 17-1-2020   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1900     |      | 3            | 0             | 0 22-10-2018       |
| F                | ZH8                       | AbbVie - Dividend Future                  | 15-1-2021   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4700     |      | 3            | 0             | 0 22-10-2018       |
| F                | ZH8                       | AbbVie - Dividend Future                  | 21-1-2022   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,7500     |      | 4            | 0             | 0 22-10-2018       |
| F                | ZH8                       | AbbVie - Dividend Future                  | 20-1-2023   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,7500     |      | 4            | 0             | 0 22-10-2018       |
| F                | ZI6                       | Zurich Insurance Group - Stock Future     | 16-11-2018  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 307,7016   |      | 308          | 0             | 0 22-10-2018       |
| F                | ZI6                       | Zurich Insurance Group - Stock Future     | 21-12-2018  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 307,5484   |      | 308          | 0             | 0 22-10-2018       |
| F                | ZI6                       | Zurich Insurance Group - Stock Future     | 18-1-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 307,4088   |      | 307          | 0             | 0 22-10-2018       |
| F                | ZI6                       | Zurich Insurance Group - Stock Future     | 15-3-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 307,1750   |      | 307          | 0             | 0 22-10-2018       |
| F                | ZI6                       | Zurich Insurance Group - Stock Future     | 21-6-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 287,6375   |      | 288          | 0             | 0 22-10-2018       |
| F                | ZI6                       | Zurich Insurance Group - Stock Future     | 20-9-2019   | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 287,2564   |      | 287          | 0             | 0 22-10-2018       |
| F                | ZI8                       | Zurich Insurance Group - Dividend Future  | 21-12-2018  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,0000    |      | 18           | 0             | 0 22-10-2018       |
| F                | ZI8                       | Zurich Insurance Group - Dividend Future  | 20-12-2019  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,9100    |      | 17           | 0             | 0 22-10-2018       |
| F                | ZI8                       | Zurich Insurance Group - Dividend Future  | 18-12-2020  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,3900    |      | 17           | 0             | 0 22-10-2018       |
| F                | ZI8                       | Zurich Insurance Group - Dividend Future  | 17-12-2021  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,8700    |      | 18           | 0             | 0 22-10-2018       |
| F                | ZI8                       | Zurich Insurance Group - Dividend Future  | 16-12-2022  | 0,0000         |                   | CHF               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 17,8700    |      | 18           | 0             | 0 22-10-2018       |
| F                | ZI8                       | Boeing - Dividend Future                  | 18-1-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,6400     |      | 7            | 0             | 0 22-10-2018       |
| F                | ZI8                       | Boeing - Dividend Future                  | 17-1-2020   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,3600     |      | 7            | 0             | 0 22-10-2018       |
| F                | ZI8                       | Boeing - Dividend Future                  | 15-1-2021   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,0800     |      | 8            | 0             | 0 22-10-2018       |
| F                | ZI8                       | Boeing - Dividend Future                  | 21-1-2022   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,8000     |      | 9            | 0             | 0 22-10-2018       |
| F                | ZI8                       | Boeing - Dividend Future                  | 20-1-2023   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,8000     |      | 9            | 0             | 0 22-10-2018       |
| F                | ZK8                       | Honeywell International - Dividend Future | 17-1-2020   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2000     |      | 3            | 0             | 0 22-10-2018       |
| F                | ZK8                       | Honeywell International - Dividend Future | 15-1-2021   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4400     |      | 3            | 0             | 0 22-10-2018       |
| F                | ZK8                       | Honeywell International - Dividend Future | 21-1-2022   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,6800     |      | 4            | 0             | 0 22-10-2018       |
| F                | ZK8                       | Honeywell International - Dividend Future | 20-1-2023   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,6800     |      | 4            | 0             | 0 22-10-2018       |
| F                | ZL8                       | Bristol-Myers Squibb - Dividend Future    | 18-1-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6100     |      | 2            | 0             | 0 22-10-2018       |
| F                | ZL8                       | Bristol-Myers Squibb - Dividend Future    | 17-1-2020   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6500     |      | 2            | 0             | 0 22-10-2018       |
| F                | ZL8                       | Bristol-Myers Squibb - Dividend Future    | 15-1-2021   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6900     |      | 2            | 0             | 0 22-10-2018       |
| F                | ZL8                       | Bristol-Myers Squibb - Dividend Future    | 21-1-2022   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7300     |      | 2            | 0             | 0 22-10-2018       |
| F                | ZL8                       | Bristol-Myers Squibb - Dividend Future    | 20-1-2023   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7300     |      | 2            | 0             | 0 22-10-2018       |
| F                | ZM8                       | Gilead Sciences - Dividend Future         | 18-1-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2800     |      | 2            | 0             | 0 22-10-2018       |
| F                | ZM8                       | Gilead Sciences - Dividend Future         | 17-1-2020   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1600     |      | 2            | 0             | 0 22-10-2018       |
| F                | ZM8                       | Gilead Sciences - Dividend Future         | 15-1-2021   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2000     |      | 2            | 0             | 0 22-10-2018       |
| F                | ZM8                       | Gilead Sciences - Dividend Future         | 21-1-2022   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2400     |      | 2            | 0             | 0 22-10-2018       |
| F                | ZM8                       | Gilead Sciences - Dividend Future         | 20-1-2023   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2400     |      | 2            | 0             | 0 22-10-2018       |
| F                | ZN6                       | AstraZeneca - Stock Future                | 16-11-2018  |                |                   |                   |        |        |        |             |        |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name                       | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|---------------------------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| F                | ZN8                       | AstraZeneca - Dividend Future         | 18-12-2020  | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8000     |      | 3            | 0             | 22-10-2018         |
| F                | ZN8                       | AstraZeneca - Dividend Future         | 17-12-2021  | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8000     |      | 3            | 0             | 22-10-2018         |
| F                | ZN8                       | AstraZeneca - Dividend Future         | 16-12-2022  | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8000     |      | 3            | 0             | 22-10-2018         |
| F                | Z06                       | Zardoya Otis SA - Stock Future        | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,9584     |      | 6            | 0             | 22-10-2018         |
| F                | Z06                       | Zardoya Otis SA - Stock Future        | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,9561     |      | 6            | 0             | 22-10-2018         |
| F                | Z06                       | Zardoya Otis SA - Stock Future        | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,8703     |      | 6            | 0             | 22-10-2018         |
| F                | Z06                       | Zardoya Otis SA - Stock Future        | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,8683     |      | 6            | 0             | 22-10-2018         |
| F                | Z06                       | Zardoya Otis SA - Stock Future        | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,7732     |      | 6            | 0             | 22-10-2018         |
| F                | Z06                       | Zardoya Otis SA - Stock Future        | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,6785     |      | 6            | 0             | 22-10-2018         |
| F                | Z08                       | Broadcom - Dividend Future            | 18-1-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,2100     |      | 6            | 0             | 22-10-2018         |
| F                | Z08                       | Broadcom - Dividend Future            | 17-1-2020   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,2100     |      | 6            | 0             | 22-10-2018         |
| F                | Z08                       | Broadcom - Dividend Future            | 15-1-2021   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,9300     |      | 7            | 0             | 22-10-2018         |
| F                | Z08                       | Broadcom - Dividend Future            | 21-1-2022   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,6500     |      | 8            | 0             | 22-10-2018         |
| F                | Z08                       | Broadcom - Dividend Future            | 20-1-2023   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,6500     |      | 8            | 0             | 22-10-2018         |
| F                | ZR8                       | Union Pacific - Dividend Future       | 18-1-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6500     |      | 3            | 0             | 22-10-2018         |
| F                | ZR8                       | Union Pacific - Dividend Future       | 17-1-2020   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8500     |      | 3            | 0             | 22-10-2018         |
| F                | ZR8                       | Union Pacific - Dividend Future       | 15-1-2021   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0500     |      | 3            | 0             | 22-10-2018         |
| F                | ZR8                       | Union Pacific - Dividend Future       | 21-1-2022   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2500     |      | 3            | 0             | 22-10-2018         |
| F                | ZR8                       | Union Pacific - Dividend Future       | 20-1-2023   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2500     |      | 3            | 0             | 22-10-2018         |
| F                | ZS8                       | Goldman Sachs Group - Dividend Future | 18-1-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1500     |      | 3            | 0             | 22-10-2018         |
| F                | ZS8                       | Goldman Sachs Group - Dividend Future | 17-1-2020   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2400     |      | 3            | 0             | 22-10-2018         |
| F                | ZS8                       | Goldman Sachs Group - Dividend Future | 15-1-2021   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3900     |      | 3            | 0             | 22-10-2018         |
| F                | ZS8                       | Goldman Sachs Group - Dividend Future | 21-1-2022   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5400     |      | 4            | 0             | 22-10-2018         |
| F                | ZS8                       | Goldman Sachs Group - Dividend Future | 20-1-2023   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5400     |      | 4            | 0             | 22-10-2018         |
| F                | ZT8                       | Starbucks - Dividend Future           | 18-1-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2400     |      | 1            | 0             | 22-10-2018         |
| F                | ZT8                       | Starbucks - Dividend Future           | 17-1-2020   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4500     |      | 1            | 0             | 22-10-2018         |
| F                | ZT8                       | Starbucks - Dividend Future           | 15-1-2021   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6500     |      | 2            | 0             | 22-10-2018         |
| F                | ZT8                       | Starbucks - Dividend Future           | 21-1-2022   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8500     |      | 2            | 0             | 22-10-2018         |
| F                | ZT8                       | Starbucks - Dividend Future           | 20-1-2023   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8500     |      | 2            | 0             | 22-10-2018         |
| F                | ZU8                       | Qualcomm - Dividend Future            | 18-1-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4100     |      | 2            | 0             | 22-10-2018         |
| F                | ZV8                       | United Technologies - Dividend Future | 18-1-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8350     |      | 3            | 0             | 22-10-2018         |
| F                | ZV8                       | United Technologies - Dividend Future | 17-1-2020   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8000     |      | 3            | 0             | 22-10-2018         |
| F                | ZV8                       | United Technologies - Dividend Future | 15-1-2021   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8800     |      | 3            | 0             | 22-10-2018         |
| F                | ZV8                       | United Technologies - Dividend Future | 21-1-2022   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9600     |      | 3            | 0             | 22-10-2018         |
| F                | ZV8                       | United Technologies - Dividend Future | 20-1-2023   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9600     |      | 3            | 0             | 22-10-2018         |
| F                | ZW8                       | US Bancorp - Dividend Future          | 18-1-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2400     |      | 1            | 0             | 22-10-2018         |
| F                | ZW8                       | US Bancorp - Dividend Future          | 17-1-2020   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3200     |      | 1            | 0             | 22-10-2018         |
| F                | ZW8                       | US Bancorp - Dividend Future          | 15-1-2021   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4200     |      | 1            | 0             | 22-10-2018         |
| F                | ZW8                       | US Bancorp - Dividend Future          | 21-1-2022   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4200     |      | 1            | 0             | 22-10-2018         |
| F                | ZW8                       | US Bancorp - Dividend Future          | 20-1-2023   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4200     |      | 1            | 0             | 22-10-2018         |
| F                | ZX8                       | Eli Lilly & Co - Dividend Future      | 18-1-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2500     |      | 2            | 0             | 22-10-2018         |
| F                | ZX8                       | Eli Lilly & Co - Dividend Future      | 17-1-2020   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1600     |      | 2            | 0             | 22-10-2018         |
| F                | ZX8                       | Eli Lilly & Co - Dividend Future      | 15-1-2021   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2000     |      | 2            | 0             | 22-10-2018         |
| F                | ZX8                       | Eli Lilly & Co - Dividend Future      | 21-1-2022   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2400     |      | 2            | 0             | 22-10-2018         |
| F                | ZX8                       | Eli Lilly & Co - Dividend Future      | 20-1-2023   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2400     |      | 2            | 0             | 22-10-2018         |
| F                | ZY8                       | Texas Instruments - Dividend Future   | 18-1-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6300     |      | 3            | 0             | 22-10-2018         |
| F                | ZY8                       | Texas Instruments - Dividend Future   | 17-1-2020   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4800     |      | 2            | 0             | 22-10-2018         |
| F                | ZY8                       | Texas Instruments - Dividend Future   | 15-1-2021   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4800     |      | 2            | 0             | 22-10-2018         |
| F                | ZY8                       | Texas Instruments - Dividend Future   | 21-1-2022   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4800     |      | 2            | 0             | 22-10-2018         |
| F                | ZY8                       | Texas Instruments - Dividend Future   | 20-1-2023   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,4800     |      | 2            | 0             | 22-10-2018         |
| F                | ZZ8                       | CVS Health - Dividend Future          | 18-1-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5000     |      | 3            | 0             | 22-10-2018         |
| F                | ZZ8                       | CVS Health - Dividend Future          | 17-1-2020   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5000     |      | 3            | 0             | 22-10-2018         |
| F                | ZZ8                       | CVS Health - Dividend Future          | 15-1-2021   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5000     |      | 3            | 0             | 22-10-2018         |
| F                | ZZ8                       | CVS Health - Dividend Future          | 21-1-2022   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5000     |      | 3            | 0             | 22-10-2018         |
| F                | ZZ8                       | CVS Health - Dividend Future          | 20-1-2023   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5000     |      | 3            | 0             | 22-10-2018         |

\* O: Option / F: Future      \*\* C: Call / P: Put

Index Derivatives

| Instrument Type* | Instrument Trading Symbol | Instrument Name                  | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open    | High    | Low     | Trade Count | Close   | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|----------------------------------|-------------|----------------|-------------------|-------------------|---------|---------|---------|-------------|---------|------------|------|--------------|---------------|--------------------|
| F                | 1FT                       | AEX Index Weekly Future - Week 1 | 2-11-2018   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 518,4300   | 518  | 0            | 0             | 22-10-2018         |
| F                | 2FT                       | AEX Index Weekly Future - Week 2 | 9-11-2018   | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 518,3300   | 518  | 0            | 0             | 22-10-2018         |
| F                | 4FT                       | AEX Index Weekly Future - Week 4 | 26-10-2018  | 0,0000         |                   | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 519,0600   | 519  | 0            | 0             | 22-10-2018         |
| O                | A22                       | AEX Daily Option - 22nd          | 22-10-2018  | 506,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  |            |      | 0            | 0             | 22-10-2018         |
| O                | A22                       | AEX Daily Option - 22nd          | 22-10-2018  | 506,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  |            |      | 0            | 0             | 22-10-2018         |
| O                | A22                       | AEX Daily Option - 22nd          | 22-10-2018  | 508,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  |            |      | 0            | 0             | 22-10-2018         |
| O                | A22                       | AEX Daily Option - 22nd          | 22-10-2018  | 508,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  |            |      | 0            | 0             | 22-10-2018         |
| O                | A22                       | AEX Daily Option - 22nd          | 22-10-2018  | 510,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  |            |      | 0            | 0             | 22-10-2018         |
| O                | A22                       | AEX Daily Option - 22nd          | 22-10-2018  | 510,0000       | P                 | EUR               | 0,0100  | 0,0100  | 0,0100  | 1           | 0,0100  |            |      | 3            | 0             | 22-10-2018         |
| O                | A22                       | AEX Daily Option - 22nd          | 22-10-2018  | 512,0000       | C                 | EUR               | 13,6000 | 13,6000 | 13,6000 | 1           | 13,6000 |            |      | 4            | 0             | 22-10-2018         |
| O                | A22                       | AEX Daily Option - 22nd          | 22-10-2018  | 512,0000       | P                 | EUR               | 0,0100  | 0,0100  | 0,0100  | 7           | 0,0100  |            |      | 25           | 0             | 22-10-2018         |
| O                | A22                       | AEX Daily Option - 22nd          | 22-10-2018  | 514,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  |            |      | 0            | 0             | 22-10-2018         |
| O                | A22                       | AEX Daily Option - 22nd          | 22-10-2018  | 514,0000       | P                 | EUR               | 0,0100  | 0,0200  | 0,0100  | 5           | 0,0100  |            |      | 53           | 0             | 22-10-2018         |
| O                | A22                       | AEX Daily Option - 22nd          | 22-10-2018  | 516,0000       | C                 | EUR               | 10,7000 | 10,7000 | 8,6000  | 2           | 8,6000  |            |      | 3            | 0             | 22-10-2018         |
| O                | A22                       | AEX Daily Option - 22nd          | 22-10-2018  | 516,0000       | P                 | EUR               | 0,0200  | 0,0300  | 0,0100  | 8           | 0,0100  |            |      | 83           | 0             | 22-10-2018         |
| O                | A22                       | AEX Daily Option - 22nd          | 22-10-2018  | 517,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  |            |      | 0            | 0             | 22-10-2018         |
| O                | A22                       | AEX Daily Option - 22nd          | 22-10-2018  | 517,0000       | P                 | EUR               | 0,0400  | 0,0400  | 0,0400  | 4           | 0,0400  |            |      | 7            | 0             | 22-10-2018         |
| O                | A22                       | AEX Daily Option - 22nd          | 22-10-2018  | 518,0000       | C                 | EUR               | 5,9500  | 5,9500  | 5,9500  | 1           | 5,9500  |            |      | 1            | 0             | 22-10-2018         |
| O                | A22                       | AEX Daily Option - 22nd          | 22-10-2018  | 518,0000       | P                 | EUR               | 0,0800  | 0,0900  | 0,0100  | 26          | 0,0100  |            |      | 62           | 0             | 22-10-2018         |
| O                | A22                       | AEX Daily Option - 22nd          | 22-10-2018  | 519,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  |            |      | 0            | 0             | 22-10-2018         |
| O                | A22                       | AEX Daily Option - 22nd          | 22-10-2018  | 519,0000       | P                 | EUR               | 0,0700  | 0,1200  | 0,0100  | 20          | 0,0100  |            |      | 52           | 0             | 22-10-2018         |
| O                | A22                       | AEX Daily Option - 22nd          | 22-10-2018  | 520,0000       | C                 | EUR               | 7,1000  | 7,1000  | 2,5000  | 13          | 2,5000  |            |      | 30           | 0             | 22-10-2018         |
| O                | A22                       | AEX Daily Option - 22nd          | 22-10-2018  | 520,0000       | P                 | EUR               | 0,1200  | 0,2200  | 0,0100  | 62          | 0,0100  |            |      | 190          | 0             | 22-10-2018         |
| O                | A22                       | AEX Daily Option - 22nd          | 22-10-2018  | 521,0000       | C                 | EUR               | 3,1500  | 4,0500  | 0,8500  | 24          | 0,8500  |            |      | 80           | 0             | 22-10-2018         |



| Instrument Type* | Instrument Trading Symbol | Instrument Name         | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open    | High    | Low     | Trade Count | Close   | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|-------------------------|-------------|----------------|-------------------|-------------------|---------|---------|---------|-------------|---------|------------|------|--------------|---------------|--------------------|
| O                | A22                       | AEX Daily Option - 22nd | 22-10-2018  | 521,0000       | P                 | EUR               | 0,2000  | 0,3700  | 0,0100  | 100         | 0,0100  |            |      | 461          | 0             | 22-10-2018         |
| O                | A22                       | AEX Daily Option - 22nd | 22-10-2018  | 522,0000       | C                 | EUR               | 4,4500  | 4,4500  | 0,1500  | 22          | 0,2000  |            |      | 35           | 0             | 22-10-2018         |
| O                | A22                       | AEX Daily Option - 22nd | 22-10-2018  | 522,0000       | P                 | EUR               | 0,2000  | 0,6000  | 0,0100  | 192         | 0,3800  |            |      | 529          | 0             | 22-10-2018         |
| O                | A22                       | AEX Daily Option - 22nd | 22-10-2018  | 523,0000       | C                 | EUR               | 4,3000  | 4,3000  | 0,0100  | 107         | 0,0100  |            |      | 312          | 0             | 22-10-2018         |
| O                | A22                       | AEX Daily Option - 22nd | 22-10-2018  | 523,0000       | P                 | EUR               | 0,3000  | 1,3800  | 0,1100  | 253         | 1,3800  |            |      | 723          | 0             | 22-10-2018         |
| O                | A22                       | AEX Daily Option - 22nd | 22-10-2018  | 524,0000       | C                 | EUR               | 2,7500  | 2,7500  | 0,0200  | 172         | 0,0400  |            |      | 379          | 0             | 22-10-2018         |
| O                | A22                       | AEX Daily Option - 22nd | 22-10-2018  | 524,0000       | P                 | EUR               | 0,4700  | 2,4000  | 0,2400  | 275         | 2,4000  |            |      | 734          | 0             | 22-10-2018         |
| O                | A22                       | AEX Daily Option - 22nd | 22-10-2018  | 525,0000       | C                 | EUR               | 2,7000  | 2,8000  | 0,0100  | 260         | 0,0100  |            |      | 1321         | 0             | 22-10-2018         |
| O                | A22                       | AEX Daily Option - 22nd | 22-10-2018  | 525,0000       | P                 | EUR               | 0,7500  | 3,3500  | 0,5200  | 268         | 3,3500  |            |      | 795          | 0             | 22-10-2018         |
| O                | A22                       | AEX Daily Option - 22nd | 22-10-2018  | 526,0000       | C                 | EUR               | 2,0500  | 2,2000  | 0,0100  | 222         | 0,0100  |            |      | 754          | 0             | 22-10-2018         |
| O                | A22                       | AEX Daily Option - 22nd | 22-10-2018  | 526,0000       | P                 | EUR               | 0,9600  | 4,3500  | 0,9000  | 83          | 4,3500  |            |      | 154          | 0             | 22-10-2018         |
| O                | A22                       | AEX Daily Option - 22nd | 22-10-2018  | 527,0000       | C                 | EUR               | 1,3000  | 1,6500  | 0,0100  | 213         | 0,0100  |            |      | 1365         | 0             | 22-10-2018         |
| O                | A22                       | AEX Daily Option - 22nd | 22-10-2018  | 527,0000       | P                 | EUR               | 1,2500  | 5,0000  | 1,2500  | 21          | 5,0000  |            |      | 74           | 0             | 22-10-2018         |
| O                | A22                       | AEX Daily Option - 22nd | 22-10-2018  | 528,0000       | C                 | EUR               | 0,9800  | 1,0000  | 0,0100  | 151         | 0,0100  |            |      | 629          | 0             | 22-10-2018         |
| O                | A22                       | AEX Daily Option - 22nd | 22-10-2018  | 528,0000       | P                 | EUR               | 3,5000  | 5,1800  | 3,5000  | 7           | 5,1800  |            |      | 61           | 0             | 22-10-2018         |
| O                | A22                       | AEX Daily Option - 22nd | 22-10-2018  | 529,0000       | C                 | EUR               | 0,3800  | 0,6400  | 0,0100  | 84          | 0,0100  |            |      | 223          | 0             | 22-10-2018         |
| O                | A22                       | AEX Daily Option - 22nd | 22-10-2018  | 529,0000       | P                 | EUR               | 3,9500  | 4,0000  | 3,9500  | 2           | 4,0000  |            |      | 3            | 0             | 22-10-2018         |
| O                | A22                       | AEX Daily Option - 22nd | 22-10-2018  | 530,0000       | C                 | EUR               | 0,3000  | 0,3500  | 0,0100  | 95          | 0,0100  |            |      | 300          | 0             | 22-10-2018         |
| O                | A22                       | AEX Daily Option - 22nd | 22-10-2018  | 530,0000       | P                 | EUR               | 4,0000  | 5,9500  | 4,0000  | 7           | 5,9500  |            |      | 13           | 0             | 22-10-2018         |
| O                | A22                       | AEX Daily Option - 22nd | 22-10-2018  | 532,0000       | C                 | EUR               | 0,1600  | 0,1600  | 0,0100  | 27          | 0,0100  |            |      | 98           | 0             | 22-10-2018         |
| O                | A22                       | AEX Daily Option - 22nd | 22-10-2018  | 532,0000       | P                 | EUR               | 5,2000  | 8,0500  | 5,2000  | 2           | 8,0500  |            |      | 4            | 0             | 22-10-2018         |
| O                | A22                       | AEX Daily Option - 22nd | 22-10-2018  | 534,0000       | C                 | EUR               | 0,0300  | 0,0300  | 0,0100  | 14          | 0,0100  |            |      | 133          | 0             | 22-10-2018         |
| O                | A22                       | AEX Daily Option - 22nd | 22-10-2018  | 534,0000       | P                 | EUR               | 7,3000  | 10,1000 | 7,3000  | 2           | 10,1000 |            |      | 4            | 0             | 22-10-2018         |
| O                | A22                       | AEX Daily Option - 22nd | 22-10-2018  | 536,0000       | C                 | EUR               | 0,0100  | 0,0400  | 0,0100  | 13          | 0,0200  |            |      | 45           | 0             | 22-10-2018         |
| O                | A22                       | AEX Daily Option - 22nd | 22-10-2018  | 536,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  |            |      | 0            | 0             | 22-10-2018         |
| O                | A22                       | AEX Daily Option - 22nd | 22-10-2018  | 538,0000       | C                 | EUR               | 0,0100  | 0,0100  | 0,0100  | 3           | 0,0100  |            |      | 31           | 0             | 22-10-2018         |
| O                | A22                       | AEX Daily Option - 22nd | 22-10-2018  | 538,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  |            |      | 0            | 0             | 22-10-2018         |
| O                | A22                       | AEX Daily Option - 22nd | 22-10-2018  | 540,0000       | C                 | EUR               | 0,0100  | 0,0100  | 0,0100  | 1           | 0,0100  |            |      | 4            | 0             | 22-10-2018         |
| O                | A22                       | AEX Daily Option - 22nd | 22-10-2018  | 540,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  |            |      | 0            | 0             | 22-10-2018         |
| O                | A23                       | AEX Daily Option - 23rd | 23-10-2018  | 506,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 13,2000    | 13   | 0            | 0             | 22-10-2018         |
| O                | A23                       | AEX Daily Option - 23rd | 23-10-2018  | 506,0000       | P                 | EUR               | 0,0300  | 0,1200  | 0,0300  | 12          | 0,0500  | 0,0700     | 0    | 95           | 95            | 22-10-2018         |
| O                | A23                       | AEX Daily Option - 23rd | 23-10-2018  | 508,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 11,2500    | 11   | 0            | 0             | 22-10-2018         |
| O                | A23                       | AEX Daily Option - 23rd | 23-10-2018  | 508,0000       | P                 | EUR               | 0,0400  | 0,1600  | 0,0400  | 13          | 0,0800  | 0,1200     | 0    | 513          | 506           | 22-10-2018         |
| O                | A23                       | AEX Daily Option - 23rd | 23-10-2018  | 510,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 9,3100     | 9    | 0            | 0             | 22-10-2018         |
| O                | A23                       | AEX Daily Option - 23rd | 23-10-2018  | 510,0000       | P                 | EUR               | 0,0600  | 0,2600  | 0,0600  | 35          | 0,1700  | 0,1800     | 0    | 221          | 183           | 22-10-2018         |
| O                | A23                       | AEX Daily Option - 23rd | 23-10-2018  | 512,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,4300     | 7    | 0            | 0             | 22-10-2018         |
| O                | A23                       | AEX Daily Option - 23rd | 23-10-2018  | 512,0000       | P                 | EUR               | 0,1100  | 0,4200  | 0,0700  | 46          | 0,2300  | 0,3000     | 0    | 219          | 170           | 22-10-2018         |
| O                | A23                       | AEX Daily Option - 23rd | 23-10-2018  | 514,0000       | C                 | EUR               | 4,9000  | 7,1500  | 6,0000  | 4           | 7,1500  | 5,6200     | 6    | 4            | 4             | 22-10-2018         |
| O                | A23                       | AEX Daily Option - 23rd | 23-10-2018  | 514,0000       | P                 | EUR               | 0,1300  | 0,7000  | 0,1100  | 54          | 0,3800  | 0,4900     | 0    | 206          | 127           | 22-10-2018         |
| O                | A23                       | AEX Daily Option - 23rd | 23-10-2018  | 516,0000       | C                 | EUR               | 5,1500  | 5,1500  | 4,6500  | 2           | 4,6500  | 3,9900     | 4    | 2            | 2             | 22-10-2018         |
| O                | A23                       | AEX Daily Option - 23rd | 23-10-2018  | 516,0000       | P                 | EUR               | 0,1700  | 1,1400  | 0,1600  | 139         | 0,6800  | 0,8600     | 1    | 444          | 179           | 22-10-2018         |
| O                | A23                       | AEX Daily Option - 23rd | 23-10-2018  | 518,0000       | C                 | EUR               | 3,5000  | 3,8500  | 2,4500  | 10          | 3,2500  | 2,5800     | 3    | 17           | 11            | 22-10-2018         |
| O                | A23                       | AEX Daily Option - 23rd | 23-10-2018  | 518,0000       | P                 | EUR               | 0,3000  | 1,7500  | 0,2400  | 121         | 1,2000  | 1,4500     | 1    | 360          | 90            | 22-10-2018         |
| O                | A23                       | AEX Daily Option - 23rd | 23-10-2018  | 519,0000       | C                 | EUR               | 2,0000  | 2,1500  | 1,9000  | 6           | 2,1500  | 2,0000     | 2    | 9            | 5             | 22-10-2018         |
| O                | A23                       | AEX Daily Option - 23rd | 23-10-2018  | 519,0000       | P                 | EUR               | 0,5800  | 2,2500  | 0,5800  | 28          | 1,5500  | 1,8700     | 2    | 113          | 40            | 22-10-2018         |
| O                | A23                       | AEX Daily Option - 23rd | 23-10-2018  | 520,0000       | C                 | EUR               | 5,9000  | 5,9000  | 1,4200  | 166         | 1,6500  | 1,4200     | 1    | 1184         | 516           | 22-10-2018         |
| O                | A23                       | AEX Daily Option - 23rd | 23-10-2018  | 520,0000       | P                 | EUR               | 0,5000  | 2,7500  | 0,4600  | 139         | 1,9500  | 2,2900     | 2    | 443          | 154           | 22-10-2018         |
| O                | A23                       | AEX Daily Option - 23rd | 23-10-2018  | 521,0000       | C                 | EUR               | 5,3500  | 5,3500  | 1,0700  | 53          | 1,3000  | 1,0200     | 1    | 98           | 32            | 22-10-2018         |
| O                | A23                       | AEX Daily Option - 23rd | 23-10-2018  | 521,0000       | P                 | EUR               | 0,7500  | 3,3500  | 0,7500  | 56          | 2,3000  | 2,8900     | 3    | 179          | 28            | 22-10-2018         |
| O                | A23                       | AEX Daily Option - 23rd | 23-10-2018  | 522,0000       | C                 | EUR               | 3,7000  | 3,7000  | 0,7500  | 60          | 0,8500  | 0,6800     | 1    | 134          | 90            | 22-10-2018         |
| O                | A23                       | AEX Daily Option - 23rd | 23-10-2018  | 522,0000       | P                 | EUR               | 0,8800  | 3,9000  | 0,8800  | 95          | 3,0000  | 3,5500     | 4    | 495          | 86            | 22-10-2018         |
| O                | A23                       | AEX Daily Option - 23rd | 23-10-2018  | 523,0000       | C                 | EUR               | 4,7000  | 4,7000  | 0,4900  | 106         | 0,6900  | 0,4700     | 0    | 450          | 126           | 22-10-2018         |
| O                | A23                       | AEX Daily Option - 23rd | 23-10-2018  | 523,0000       | P                 | EUR               | 1,8000  | 3,9500  | 1,2300  | 77          | 3,9500  | 4,3400     | 4    | 185          | 88            | 22-10-2018         |
| O                | A23                       | AEX Daily Option - 23rd | 23-10-2018  | 524,0000       | C                 | EUR               | 3,1000  | 3,1000  | 0,3500  | 89          | 0,3800  | 0,2900     | 0    | 215          | 108           | 22-10-2018         |
| O                | A23                       | AEX Daily Option - 23rd | 23-10-2018  | 524,0000       | P                 | EUR               | 1,6000  | 3,8500  | 1,5000  | 75          | 3,8500  | 5,1600     | 5    | 201          | 74            | 22-10-2018         |
| O                | A23                       | AEX Daily Option - 23rd | 23-10-2018  | 525,0000       | C                 | EUR               | 2,2000  | 2,3500  | 0,2200  | 97          | 0,2300  | 0,1800     | 0    | 512          | 162           | 22-10-2018         |
| O                | A23                       | AEX Daily Option - 23rd | 23-10-2018  | 525,0000       | P                 | EUR               | 1,6000  | 6,5000  | 1,6000  | 45          | 6,5000  | 6,0500     | 6    | 140          | 58            | 22-10-2018         |
| O                | A23                       | AEX Daily Option - 23rd | 23-10-2018  | 526,0000       | C                 | EUR               | 2,9500  | 2,9500  | 0,1400  | 88          | 0,1400  | 0,1300     | 0    | 431          | 207           | 22-10-2018         |
| O                | A23                       | AEX Daily Option - 23rd | 23-10-2018  | 526,0000       | P                 | EUR               | 3,0000  | 7,3500  | 2,8000  | 6           | 6,1200  | 7,0000     | 7    | 10           | 7             | 22-10-2018         |
| O                | A23                       | AEX Daily Option - 23rd | 23-10-2018  | 527,0000       | C                 | EUR               | 2,5500  | 2,5500  | 0,1000  | 94          | 0,1000  | 0,0700     | 0    | 395          | 124           | 22-10-2018         |
| O                | A23                       | AEX Daily Option - 23rd | 23-10-2018  | 527,0000       | P                 | EUR               | 2,2500  | 7,9000  | 2,2500  | 4           | 7,9000  | 7,9400     | 8    | 6            | 2             | 22-10-2018         |
| O                | A23                       | AEX Daily Option - 23rd | 23-10-2018  | 528,0000       | C                 | EUR               | 1,7000  | 1,7000  | 0,0800  | 61          | 0,0800  | 0,0600     | 0    | 134          | 67            | 22-10-2018         |
| O                | A23                       | AEX Daily Option - 23rd | 23-10-2018  | 528,0000       | P                 | EUR               | 4,3000  | 7,6000  | 4,2000  | 7           | 7,6000  | 8,9300     | 9    | 8            | 8             | 22-10-2018         |
| O                | A23                       | AEX Daily Option - 23rd | 23-10-2018  | 529,0000       | C                 | EUR               | 1,3500  | 1,5000  | 0,0500  | 54          | 0,0600  | 0,0300     | 0    | 196          | 91            | 22-10-2018         |
| O                | A23                       | AEX Daily Option - 23rd | 23-10-2018  | 529,0000       | P                 | EUR               | 5,4000  | 9,0000  | 5,4000  | 2           | 9,0000  | 9,9000     | 10   | 12           | 12            | 22-10-2018         |
| O                | A23                       | AEX Daily Option - 23rd | 23-10-2018  | 530,0000       | C                 | EUR               | 1,0000  | 1,0000  | 0,0400  | 80          | 0,0400  | 0,0200     | 0    | 426          | 216           | 22-10-2018         |
| O                | A23                       | AEX Daily Option - 23rd | 23-10-2018  | 530,0000       | P                 | EUR               | 5,0000  | 10,2000 | 5,0000  | 6           | 10,2000 | 10,8900    | 11   | 20           | 18            | 22-10-2018         |
| O                | A23                       | AEX Daily Option - 23rd | 23-10-2018  | 532,0000       | C                 | EUR               | 0,4500  | 0,5500  | 0,0300  | 59          | 0,0400  | 0,0200     | 0    | 218          | 147           | 22-10-2018         |
| O                | A23                       | AEX Daily Option - 23rd | 23-10-2018  | 532,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,8900    | 13   | 0            | 0             | 22-10-2018         |
| O                | A23                       | AEX Daily Option - 23rd | 23-10-2018  | 534,0000       | C                 | EUR               | 0,2400  | 0,2400  | 0,0200  | 27          | 0,0200  | 0,0100     | 0    | 98           | 74            | 22-10-2018         |
| O                | A23                       | AEX Daily Option - 23rd | 23-10-2018  | 534,0000       | P                 | EUR               | 8,9500  | 8,9500  | 8,9500  | 1           | 8,9500  | 14,8800    | 15   | 2            | 2             | 22-10-2018         |
| O                | A23                       | AEX Daily Option - 23rd | 23-10-2018  | 536,0000       | C                 | EUR               | 0,1300  | 0,1300  | 0,0100  | 8           | 0,0300  | 0,0100     | 0    | 64           | 54            | 22-10-2018         |
| O                | A23                       | AEX Daily Option - 23rd | 23-10-2018  | 536,0000       | P                 | EUR               | 11,5000 | 11,6000 | 11,5000 | 2           | 11,6000 | 16,8800    | 17   | 3            | 3             | 22-10-2018         |
| O                | A23                       | AEX Daily Option - 23rd | 23-10-2018  | 538,0000       | C                 | EUR               | 0,0200  | 0,0200  | 0,0200  | 2           | 0,0200  | 0,0100     | 0    | 2            | 2             | 22-10-2018         |
| O                | A23                       | AEX Daily Option - 23rd | 23-10-2018  | 538,0000       | P                 | EUR               | 10,9800 | 13,6500 | 10,9800 | 3           | 13,6500 | 18,8800    | 19   | 22           | 21            | 22-10-201          |



| Instrument Type* | Instrument Trading Symbol | Instrument Name | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open     | High     | Low      | Trade Count | Close    | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|-----------------|-------------|----------------|-------------------|-------------------|----------|----------|----------|-------------|----------|------------|------|--------------|---------------|--------------------|
| O                | AEX                       | AEX-INDEX       | 16-11-2018  | 460,0000       | C                 | EUR               | 58,9200  | 58,9200  | 58,8500  | 2           | 58,8500  | 57,6000    | 58   | 3            | 59            | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 16-11-2018  | 460,0000       | P                 | EUR               | 0,3100   | 0,4900   | 0,3100   | 36          | 0,3900   | 0,4000     | 0    | 162          | 1979          | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 16-11-2018  | 470,0000       | C                 | EUR               | 52,3900  | 52,6000  | 49,0000  | 3           | 49,0000  | 47,8400    | 48   | 6            | 35            | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 16-11-2018  | 470,0000       | P                 | EUR               | 0,4800   | 0,7400   | 0,4600   | 28          | 0,6100   | 0,6500     | 1    | 131          | 2748          | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 16-11-2018  | 475,0000       | C                 | EUR               | 47,9000  | 47,9000  | 47,9000  | 1           | 47,9000  | 43,0200    | 43   | 15           | 15            | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 16-11-2018  | 475,0000       | P                 | EUR               | 0,5500   | 0,8700   | 0,5500   | 39          | 0,7900   | 0,8300     | 1    | 226          | 843           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 16-11-2018  | 480,0000       | C                 | EUR               | 42,8000  | 42,8000  | 42,8000  | 1           | 42,8000  | 38,2600    | 38   | 2            | 80            | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 16-11-2018  | 480,0000       | P                 | EUR               | 0,7500   | 1,2200   | 0,7100   | 83          | 1,0000   | 1,0700     | 1    | 293          | 2627          | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 16-11-2018  | 485,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 33,5900    | 34   | 0            | 10            | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 16-11-2018  | 485,0000       | P                 | EUR               | 0,8700   | 1,6000   | 0,8700   | 144         | 1,3300   | 1,4000     | 1    | 596          | 902           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 16-11-2018  | 490,0000       | C                 | EUR               | 34,0500  | 34,0500  | 29,7700  | 3           | 30,2000  | 29,0600    | 29   | 4            | 39            | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 16-11-2018  | 490,0000       | P                 | EUR               | 1,2900   | 2,1500   | 1,1500   | 185         | 1,7500   | 1,8700     | 2    | 640          | 1152          | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 16-11-2018  | 495,0000       | C                 | EUR               | 28,8700  | 28,8700  | 27,0400  | 2           | 27,0400  | 24,6800    | 25   | 2            | 5             | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 16-11-2018  | 495,0000       | P                 | EUR               | 1,6500   | 2,7500   | 1,4500   | 82          | 2,3500   | 2,4900     | 2    | 216          | 431           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 16-11-2018  | 500,0000       | C                 | EUR               | 25,0000  | 25,3500  | 20,4000  | 20          | 21,5500  | 20,4500    | 20   | 67           | 630           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 16-11-2018  | 500,0000       | P                 | EUR               | 2,1000   | 3,6000   | 1,9000   | 234         | 3,2000   | 3,2700     | 3    | 854          | 3287          | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 16-11-2018  | 505,0000       | C                 | EUR               | 17,6000  | 17,6000  | 17,0000  | 3           | 17,5500  | 16,5600    | 17   | 7            | 48            | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 16-11-2018  | 505,0000       | P                 | EUR               | 2,8000   | 4,7500   | 2,5100   | 164         | 4,1500   | 4,3700     | 4    | 891          | 1410          | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 16-11-2018  | 510,0000       | C                 | EUR               | 18,5000  | 18,5000  | 13,0000  | 18          | 13,5000  | 12,9200    | 13   | 49           | 304           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 16-11-2018  | 510,0000       | P                 | EUR               | 3,6000   | 6,2000   | 3,3900   | 314         | 5,4500   | 5,7400     | 6    | 1479         | 1608          | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 16-11-2018  | 515,0000       | C                 | EUR               | 14,9500  | 14,9500  | 10,2000  | 23          | 10,2600  | 9,7100     | 10   | 89           | 322           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 16-11-2018  | 515,0000       | P                 | EUR               | 4,8000   | 8,0000   | 4,6000   | 274         | 7,2500   | 7,5300     | 8    | 1194         | 2227          | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 16-11-2018  | 520,0000       | C                 | EUR               | 11,2500  | 11,3500  | 7,0000   | 145         | 7,2500   | 6,8900     | 7    | 620          | 1724          | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 16-11-2018  | 520,0000       | P                 | EUR               | 6,4500   | 10,2000  | 6,0000   | 466         | 9,3000   | 9,7200     | 10   | 2107         | 2750          | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 16-11-2018  | 525,0000       | C                 | EUR               | 8,2500   | 8,3000   | 4,7000   | 429         | 4,9500   | 4,6900     | 5    | 1466         | 1288          | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 16-11-2018  | 525,0000       | P                 | EUR               | 8,1000   | 12,8300  | 7,9000   | 142         | 11,7000  | 12,5100    | 13   | 672          | 1397          | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 16-11-2018  | 530,0000       | C                 | EUR               | 5,8000   | 6,0000   | 3,0000   | 406         | 3,1500   | 2,9600     | 3    | 1769         | 2163          | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 16-11-2018  | 530,0000       | P                 | EUR               | 10,8000  | 16,3000  | 10,4000  | 157         | 15,4000  | 15,7900    | 16   | 1012         | 2255          | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 16-11-2018  | 535,0000       | C                 | EUR               | 3,5200   | 3,9000   | 1,8000   | 319         | 1,9000   | 1,8000     | 2    | 1012         | 1882          | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 16-11-2018  | 535,0000       | P                 | EUR               | 14,1000  | 20,0500  | 14,1000  | 85          | 18,5000  | 19,6300    | 20   | 289          | 683           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 16-11-2018  | 540,0000       | C                 | EUR               | 2,1500   | 2,3300   | 1,0500   | 339         | 1,1200   | 1,0500     | 1    | 1679         | 2558          | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 16-11-2018  | 540,0000       | P                 | EUR               | 17,1200  | 24,2000  | 17,1200  | 57          | 23,1500  | 23,8800    | 24   | 151          | 1307          | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 16-11-2018  | 545,0000       | C                 | EUR               | 1,2200   | 1,2500   | 0,6300   | 238         | 0,6400   | 0,6100     | 1    | 2931         | 3922          | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 16-11-2018  | 545,0000       | P                 | EUR               | 21,2200  | 28,0000  | 21,2200  | 13          | 27,7500  | 28,4400    | 28   | 25           | 533           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 16-11-2018  | 550,0000       | C                 | EUR               | 0,7500   | 0,7500   | 0,3800   | 133         | 0,3900   | 0,3600     | 0    | 577          | 1968          | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 16-11-2018  | 550,0000       | P                 | EUR               | 25,7000  | 33,7000  | 25,7000  | 18          | 31,9500  | 33,1800    | 33   | 64           | 976           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 16-11-2018  | 555,0000       | C                 | EUR               | 0,3300   | 0,3300   | 0,2300   | 39          | 0,2400   | 0,2100     | 0    | 117          | 1118          | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 16-11-2018  | 555,0000       | P                 | EUR               | 30,2000  | 38,3500  | 30,2000  | 10          | 37,0000  | 38,0400    | 38   | 14           | 474           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 16-11-2018  | 560,0000       | C                 | EUR               | 0,2000   | 0,2000   | 0,1500   | 30          | 0,1300   | 0          | 0    | 98           | 1934          | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 16-11-2018  | 560,0000       | P                 | EUR               | 37,9400  | 42,2500  | 37,8400  | 9           | 42,1200  | 42,9700    | 43   | 16           | 890           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 16-11-2018  | 565,0000       | C                 | EUR               | 0,1800   | 0,1800   | 0,1000   | 15          | 0,1200   | 0,1000     | 0    | 82           | 1525          | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 16-11-2018  | 565,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 47,9300    | 48   | 0            | 181           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 16-11-2018  | 570,0000       | C                 | EUR               | 0,0800   | 0,1000   | 0,0800   | 4           | 0,0900   | 0,0700     | 0    | 13           | 1125          | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 16-11-2018  | 570,0000       | P                 | EUR               | 46,6500  | 53,0000  | 46,6500  | 5           | 53,0000  | 52,9100    | 53   | 14           | 262           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 16-11-2018  | 575,0000       | C                 | EUR               | 0,0800   | 0,0800   | 0,0800   | 1           | 0,0800   | 0,0500     | 0    | 1            | 337           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 16-11-2018  | 575,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 57,8900    | 58   | 0            | 106           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 16-11-2018  | 580,0000       | C                 | EUR               | 0,0500   | 0,0600   | 0,0500   | 3           | 0,0600   | 0,0300     | 0    | 12           | 465           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 16-11-2018  | 580,0000       | P                 | EUR               | 57,7000  | 62,7000  | 57,3000  | 15          | 62,3000  | 62,8700    | 63   | 54           | 157           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 16-11-2018  | 585,0000       | C                 | EUR               | 0,0400   | 0,0400   | 0,0400   | 1           | 0,0400   | 0,0200     | 0    | 8            | 263           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 16-11-2018  | 585,0000       | P                 | EUR               | 62,7000  | 66,6000  | 62,7000  | 2           | 66,6000  | 67,8500    | 68   | 4            | 10            | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 16-11-2018  | 590,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,0100     | 0    | 0            | 329           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 16-11-2018  | 590,0000       | P                 | EUR               | 67,7000  | 67,7000  | 67,7000  | 1           | 67,7000  | 72,8500    | 73   | 3            | 42            | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 16-11-2018  | 595,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,0100     | 0    | 0            | 120           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 16-11-2018  | 595,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 77,8400    | 78   | 0            | 6             | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 16-11-2018  | 600,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,0100     | 0    | 0            | 268           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 16-11-2018  | 600,0000       | P                 | EUR               | 77,4000  | 81,6000  | 77,4000  | 3           | 81,6000  | 82,8400    | 83   | 8            | 223           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 16-11-2018  | 610,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 16-11-2018  | 610,0000       | P                 | EUR               | 91,6000  | 91,6000  | 91,6000  | 1           | 91,6000  | 92,8400    | 93   | 2            | 7             | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 16-11-2018  | 620,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,0100     | 0    | 0            | 130           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 16-11-2018  | 620,0000       | P                 | EUR               | 101,6000 | 101,6000 | 101,6000 | 1           | 101,6000 | 102,8500   | 103  | 2            | 7             | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 16-11-2018  | 640,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,0100     | 0    | 0            | 15            | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 16-11-2018  | 640,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 122,8500   | 123  | 0            | 81            | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 16-11-2018  | 660,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,0100     | 0    | 0            | 2             | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 16-11-2018  | 660,0000       | P                 | EUR               | 141,2500 | 141,2500 | 141,2500 | 1           | 141,2500 | 142,8600   | 143  | 1            | 1             | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 16-11-2018  | 680,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 16-11-2018  | 680,0000       | P                 | EUR               | 157,4500 | 160,1300 | 157,4500 | 2           | 160,1300 | 162,8600   | 163  | 41           | 1             | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 16-11-2018  | 720,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 16-11-2018  | 720,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 202,8700   | 203  | 0            | 75            | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 100,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 417,2600   | 417  | 0            | 552           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 100,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,0100     | 0    | 0            | 1709          | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 200,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 317,2000   | 317  | 0            | 1132          | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 200,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,0100     | 0    | 0            | 1253          | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 250,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 267,1900   | 267  | 0            | 53            | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 250,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,0400     | 0    | 0            | 870           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 300,0000       | C                 | EUR               | 218,4500 | 218,4500 | 218,4500 | 1           | 218,4500 |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open     | High     | Low      | Trade Count | Close    | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|-----------------|-------------|----------------|-------------------|-------------------|----------|----------|----------|-------------|----------|------------|------|--------------|---------------|--------------------|
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 400,0000       | P                 | EUR               | 0,2700   | 0,3200   | 0,2700   | 15          | 0,3000   | 0,3100     | 0    | 75           | 2702          | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 420,0000       | C                 | EUR               | 98,8000  | 98,8000  | 98,8000  | 1           | 98,8000  | 97,5400    | 98   | 2            | 32            | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 420,0000       | P                 | EUR               | 0,4200   | 0,5100   | 0,4200   | 15          | 0,5100   | 0,5000     | 1    | 55           | 993           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 440,0000       | C                 | EUR               | 79,1000  | 79,1000  | 79,1000  | 1           | 79,1000  | 77,8800    | 78   | 3            | 204           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 440,0000       | P                 | EUR               | 0,7000   | 0,8600   | 0,7000   | 13          | 0,8500   | 0,8500     | 1    | 43           | 1343          | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 450,0000       | C                 | EUR               | 69,3500  | 69,3500  | 69,3500  | 1           | 69,3500  | 68,1600    | 68   | 3            | 1279          | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 450,0000       | P                 | EUR               | 0,9900   | 1,2200   | 0,8900   | 20          | 1,2100   | 1,1400     | 1    | 136          | 4939          | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 460,0000       | C                 | EUR               | 59,8000  | 59,8000  | 59,8000  | 1           | 59,8000  | 58,5900    | 59   | 2            | 32            | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 460,0000       | P                 | EUR               | 1,2700   | 1,7000   | 1,2400   | 31          | 1,5500   | 1,5700     | 2    | 58           | 1748          | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 470,0000       | C                 | EUR               | 54,6000  | 54,7500  | 49,7500  | 4           | 50,4000  | 49,2600    | 49   | 10           | 167           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 470,0000       | P                 | EUR               | 1,7500   | 2,3500   | 1,7500   | 24          | 2,1000   | 2,2500     | 2    | 95           | 1173          | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 480,0000       | C                 | EUR               | 47,0000  | 47,0000  | 40,5000  | 6           | 41,3500  | 40,2800    | 40   | 27           | 312           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 480,0000       | P                 | EUR               | 2,5000   | 3,4500   | 2,4000   | 41          | 3,0500   | 3,2800     | 3    | 135          | 2490          | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 485,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 35,9000    | 36   | 0            | 0             | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 485,0000       | P                 | EUR               | 2,9000   | 4,1000   | 2,9000   | 36          | 3,8000   | 3,9000     | 4    | 137          | 103           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 490,0000       | C                 | EUR               | 36,0000  | 36,0000  | 31,9000  | 3           | 32,7000  | 31,6900    | 32   | 18           | 132           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 490,0000       | P                 | EUR               | 3,6500   | 4,9500   | 3,5000   | 76          | 4,5500   | 4,6900     | 5    | 231          | 1279          | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 495,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 27,6600    | 28   | 0            | 0             | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 495,0000       | P                 | EUR               | 4,6000   | 5,2500   | 4,5000   | 31          | 5,2500   | 5,6700     | 6    | 130          | 100           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 500,0000       | C                 | EUR               | 27,5000  | 27,5000  | 24,7000  | 6           | 24,7000  | 23,8100    | 24   | 52           | 5522          | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 500,0000       | P                 | EUR               | 5,0000   | 7,1500   | 5,0000   | 81          | 6,4500   | 6,8200     | 7    | 348          | 9551          | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 505,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 20,1900    | 20   | 0            | 0             | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 505,0000       | P                 | EUR               | 6,5500   | 8,5000   | 6,2500   | 34          | 7,9500   | 8,2100     | 8    | 284          | 200           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 510,0000       | C                 | EUR               | 20,2000  | 20,6000  | 17,0000  | 9           | 17,3200  | 16,7800    | 17   | 145          | 997           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 510,0000       | P                 | EUR               | 7,4500   | 10,1000  | 7,4500   | 55          | 9,2500   | 9,7900     | 10   | 341          | 2939          | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 515,0000       | C                 | EUR               | 16,8000  | 17,1000  | 13,6200  | 26          | 14,2000  | 13,6400    | 14   | 236          | 296           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 515,0000       | P                 | EUR               | 8,5000   | 12,0500  | 8,5000   | 35          | 11,4000  | 11,6600    | 12   | 243          | 369           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 520,0000       | C                 | EUR               | 14,0900  | 14,4500  | 10,8500  | 36          | 11,4500  | 10,8600    | 11   | 158          | 5833          | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 520,0000       | P                 | EUR               | 10,9500  | 14,2500  | 10,8000  | 122         | 13,4500  | 13,8800    | 14   | 469          | 4590          | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 525,0000       | C                 | EUR               | 12,0000  | 12,4000  | 8,3700   | 82          | 8,9000   | 8,4000     | 8    | 362          | 853           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 525,0000       | P                 | EUR               | 12,7500  | 16,8500  | 12,7500  | 48          | 16,0000  | 16,4300    | 16   | 106          | 401           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 530,0000       | C                 | EUR               | 9,5500   | 9,6500   | 6,3000   | 70          | 6,7000   | 6,3200     | 6    | 479          | 1608          | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 530,0000       | P                 | EUR               | 15,5000  | 18,9000  | 15,5000  | 24          | 18,9000  | 19,3500    | 19   | 154          | 2358          | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 535,0000       | C                 | EUR               | 7,5000   | 7,5000   | 4,6000   | 62          | 5,0000   | 4,6400     | 5    | 117          | 336           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 535,0000       | P                 | EUR               | 17,2500  | 22,0000  | 17,2500  | 5           | 22,0000  | 22,6700    | 23   | 8            | 189           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 540,0000       | C                 | EUR               | 5,3500   | 5,3500   | 3,3000   | 138         | 3,5000   | 3,3000     | 3    | 358          | 2235          | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 540,0000       | P                 | EUR               | 21,1000  | 25,5500  | 21,1000  | 7           | 25,5500  | 26,3400    | 18   | 1523         | 1523          | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 545,0000       | C                 | EUR               | 3,5000   | 3,5000   | 2,3000   | 68          | 2,4000   | 2,2900     | 2    | 300          | 693           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 545,0000       | P                 | EUR               | 24,1000  | 29,2000  | 24,1000  | 3           | 29,2000  | 30,3300    | 20   | 8            | 343           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 550,0000       | C                 | EUR               | 2,6000   | 2,7000   | 1,6000   | 101         | 1,6500   | 1,5700     | 2    | 318          | 6685          | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 550,0000       | P                 | EUR               | 30,1500  | 33,3000  | 29,2500  | 8           | 33,0000  | 34,6100    | 35   | 44           | 3594          | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 555,0000       | C                 | EUR               | 1,7000   | 1,7000   | 1,1000   | 23          | 1,1300   | 1,0900     | 1    | 83           | 843           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 555,0000       | P                 | EUR               | 33,5500  | 37,9000  | 33,5500  | 6           | 37,9000  | 39,1300    | 39   | 16           | 150           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 560,0000       | C                 | EUR               | 1,2100   | 1,2100   | 0,7800   | 63          | 0,8000   | 0,7600     | 1    | 198          | 4182          | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 560,0000       | P                 | EUR               | 38,6000  | 42,6000  | 38,6000  | 4           | 42,6000  | 43,8100    | 44   | 9            | 1373          | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 565,0000       | C                 | EUR               | 0,7500   | 0,7500   | 0,5500   | 17          | 0,5800   | 0,5300     | 1    | 55           | 1220          | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 565,0000       | P                 | EUR               | 41,2500  | 44,7000  | 41,2500  | 4           | 44,7000  | 48,5800    | 49   | 40           | 169           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 570,0000       | C                 | EUR               | 0,5500   | 0,5700   | 0,4000   | 36          | 0,4300   | 0,3900     | 0    | 96           | 3135          | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 570,0000       | P                 | EUR               | 45,6500  | 51,5400  | 45,6500  | 14          | 51,5400  | 53,4400    | 53   | 46           | 657           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 580,0000       | C                 | EUR               | 0,2800   | 0,2900   | 0,2400   | 9           | 0,2500   | 0,2200     | 0    | 21           | 2683          | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 580,0000       | P                 | EUR               | 63,6500  | 63,6500  | 63,6500  | 1           | 63,6500  | 63,2800    | 63   | 13           | 556           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 590,0000       | C                 | EUR               | 0,1800   | 0,1800   | 0,1500   | 5           | 0,1600   | 0,1600     | 0    | 14           | 936           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 590,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 73,2200    | 73   | 0            | 398           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 600,0000       | C                 | EUR               | 0,1000   | 0,1000   | 0,1000   | 3           | 0,1000   | 0,1100     | 0    | 3            | 4151          | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 600,0000       | P                 | EUR               | 79,0500  | 81,3500  | 79,0500  | 2           | 81,3500  | 83,1800    | 83   | 11           | 734           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 610,0000       | C                 | EUR               | 0,0700   | 0,0700   | 0,0700   | 1           | 0,0700   | 0,0800     | 0    | 1            | 755           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 610,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 93,1600    | 93   | 0            | 26            | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 620,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,0600     | 0    | 0            | 1627          | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 620,0000       | P                 | EUR               | 101,1400 | 101,1400 | 101,1400 | 1           | 101,1400 | 103,1500   | 103  | 10           | 153           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 630,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,0400     | 0    | 0            | 440           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 630,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 113,1400   | 113  | 0            | 11            | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 640,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,0100     | 0    | 0            | 543           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 640,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 123,1200   | 123  | 0            | 15            | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 650,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,0100     | 0    | 0            | 1006          | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 650,0000       | P                 | EUR               | 131,3500 | 131,3500 | 131,3500 | 1           | 131,3500 | 133,1100   | 133  | 10           | 80            | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 680,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,0100     | 0    | 0            | 440           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 680,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 163,1300   | 163  | 0            | 180           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 700,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,0100     | 0    | 0            | 844           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 700,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 183,1400   | 183  | 0            | 1495          | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 720,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,0100     | 0    | 0            | 83            | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 720,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 203,1600   | 203  | 0            | 306           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 800,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,0100     | 0    | 0            | 1846          | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-12-2018  | 800,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 283,2100   | 283  | 0            | 2454          | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 18-1-2019   | 400,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 117,4800   | 117  | 0            | 0             | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 18-1-2019   | 400,0000       | P                 | EUR               | 0,4800   | 0,5200   | 0,4800   | 2           | 0,5200   |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open    | High    | Low     | Trade Count | Close   | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|-----------------|-------------|----------------|-------------------|-------------------|---------|---------|---------|-------------|---------|------------|------|--------------|---------------|--------------------|
| O                | AEX                       | AEX-INDEX       | 18-1-2019   | 510,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 18,7500    |      | 19           | 0             | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 18-1-2019   | 510,0000       | P                 | EUR               | 9,9000  | 10,0000 | 9,5000  | 5           | 9,5000  | 11,8600    |      | 12           | 27            | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 18-1-2019   | 520,0000       | C                 | EUR               | 15,8000 | 15,8000 | 13,5000 | 2           | 13,5000 | 12,7800    |      | 13           | 2             | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 18-1-2019   | 520,0000       | P                 | EUR               | 13,6500 | 15,2400 | 13,1100 | 8           | 15,2400 | 15,9000    |      | 16           | 30            | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 18-1-2019   | 525,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,2800    |      | 10           | 0             | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 18-1-2019   | 525,0000       | P                 | EUR               | 15,6500 | 16,3000 | 15,1600 | 5           | 16,3000 | 18,4000    |      | 18           | 16            | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 18-1-2019   | 530,0000       | C                 | EUR               | 10,0000 | 10,0000 | 8,5000  | 3           | 8,5000  | 8,1000     |      | 8            | 4             | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 18-1-2019   | 530,0000       | P                 | EUR               | 17,5500 | 18,3000 | 17,5500 | 2           | 18,3000 | 21,2300    |      | 21           | 5             | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 18-1-2019   | 540,0000       | C                 | EUR               | 6,4800  | 6,4900  | 4,9500  | 13          | 4,9500  | 4,7100     |      | 5            | 65            | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 18-1-2019   | 540,0000       | P                 | EUR               | 23,3000 | 23,3000 | 23,3000 | 1           | 23,3000 | 27,8600    |      | 28           | 3             | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 18-1-2019   | 550,0000       | C                 | EUR               | 3,6300  | 3,6400  | 2,8000  | 5           | 2,8000  | 2,5300     |      | 3            | 10            | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 18-1-2019   | 550,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 35,6700    |      | 36           | 0             | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 18-1-2019   | 560,0000       | C                 | EUR               | 1,9100  | 1,9100  | 1,4300  | 5           | 1,4300  | 1,3100     |      | 1            | 10            | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 18-1-2019   | 560,0000       | P                 | EUR               | 39,4800 | 41,8200 | 39,4800 | 5           | 41,8200 | 44,4700    |      | 44           | 5             | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 18-1-2019   | 580,0000       | C                 | EUR               | 0,4700  | 0,4700  | 0,3800  | 8           | 0,3800  | 0,3900     |      | 0            | 12            | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 18-1-2019   | 580,0000       | P                 | EUR               | 58,4400 | 64,0300 | 58,4400 | 6           | 64,0300 | 63,5700    |      | 64           | 18            | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 18-1-2019   | 600,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1400     |      | 0            | 0             | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 18-1-2019   | 600,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 83,3400    |      | 83           | 0             | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 18-1-2019   | 640,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0200     |      | 0            | 0             | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 18-1-2019   | 640,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 123,2600   |      | 123          | 0             | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 18-1-2019   | 680,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0300     |      | 0            | 0             | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 18-1-2019   | 680,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 163,3000   |      | 163          | 0             | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 15-3-2019   | 300,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 215,6300   |      | 216          | 0             | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 15-3-2019   | 300,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2000     |      | 0            | 94            | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 15-3-2019   | 320,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 195,6900   |      | 196          | 0             | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 15-3-2019   | 320,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3000     |      | 0            | 86            | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 15-3-2019   | 340,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 175,7800   |      | 176          | 0             | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 15-3-2019   | 340,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,4200     |      | 0            | 90            | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 15-3-2019   | 360,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 155,9100   |      | 156          | 0             | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 15-3-2019   | 360,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,5800     |      | 1            | 150           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 15-3-2019   | 380,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 136,1300   |      | 136          | 0             | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 15-3-2019   | 380,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,8400     |      | 1            | 194           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 15-3-2019   | 400,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 116,4900   |      | 116          | 0             | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 15-3-2019   | 400,0000       | P                 | EUR               | 1,0900  | 1,1300  | 1,0900  | 2           | 1,1300  | 1,2300     |      | 1            | 3             | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 15-3-2019   | 420,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 97,1000    |      | 97           | 0             | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 15-3-2019   | 420,0000       | P                 | EUR               | 1,8000  | 1,8000  | 1,8000  | 1           | 1,8000  | 1,8700     |      | 2            | 1             | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 15-3-2019   | 440,0000       | C                 | EUR               | 83,9000 | 83,9000 | 81,9000 | 2           | 81,9000 | 78,1500    |      | 78           | 30            | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 15-3-2019   | 440,0000       | P                 | EUR               | 2,5500  | 3,1000  | 2,5500  | 7           | 3,1000  | 2,9500     |      | 3            | 8             | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 15-3-2019   | 460,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 59,9900    |      | 60           | 0             | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 15-3-2019   | 460,0000       | P                 | EUR               | 4,0500  | 4,7500  | 4,0500  | 4           | 4,7500  | 4,8200     |      | 5            | 21            | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 15-3-2019   | 480,0000       | C                 | EUR               | 47,5000 | 47,7000 | 43,9000 | 9           | 43,9000 | 43,0800    |      | 43           | 16            | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 15-3-2019   | 480,0000       | P                 | EUR               | 6,6000  | 8,0000  | 6,3000  | 16          | 7,5000  | 7,9400     |      | 8            | 27            | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 15-3-2019   | 500,0000       | C                 | EUR               | 31,7500 | 31,8200 | 28,9500 | 4           | 28,9500 | 28,1000    |      | 28           | 13            | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 15-3-2019   | 500,0000       | P                 | EUR               | 10,8000 | 13,3000 | 10,8000 | 17          | 12,7500 | 12,9900    |      | 13           | 58            | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 15-3-2019   | 520,0000       | C                 | EUR               | 19,3000 | 19,3000 | 15,9800 | 12          | 16,7000 | 15,8800    |      | 16           | 33            | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 15-3-2019   | 520,0000       | P                 | EUR               | 17,6500 | 21,0000 | 17,6500 | 16          | 21,0000 | 20,8100    |      | 21           | 22            | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 15-3-2019   | 540,0000       | C                 | EUR               | 9,6500  | 9,6500  | 7,5000  | 25          | 7,7500  | 7,4600     |      | 7            | 60            | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 15-3-2019   | 540,0000       | P                 | EUR               | 29,0000 | 32,7600 | 28,9500 | 10          | 31,7500 | 32,4100    |      | 32           | 26            | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 15-3-2019   | 550,0000       | C                 | EUR               | 5,8200  | 6,1000  | 4,9000  | 8           | 5,0000  | 4,7200     |      | 5            | 28            | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 15-3-2019   | 550,0000       | P                 | EUR               | 35,9000 | 38,4000 | 35,9000 | 2           | 38,4000 | 39,7000    |      | 40           | 2             | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 15-3-2019   | 560,0000       | C                 | EUR               | 3,8500  | 3,8500  | 2,9500  | 10          | 2,9800  | 2,9300     |      | 3            | 29            | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 15-3-2019   | 560,0000       | P                 | EUR               | 41,5000 | 47,4000 | 41,5000 | 2           | 47,4000 | 47,9200    |      | 48           | 3             | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 15-3-2019   | 570,0000       | C                 | EUR               | 2,2500  | 2,2500  | 1,8000  | 15          | 1,8000  | 1,7400     |      | 2            | 55            | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 15-3-2019   | 570,0000       | P                 | EUR               | 52,0000 | 56,2500 | 52,0000 | 5           | 56,2500 | 56,7500    |      | 57           | 6             | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 15-3-2019   | 580,0000       | C                 | EUR               | 1,1000  | 1,1000  | 1,1000  | 1           | 1,1000  | 1,0400     |      | 1            | 1             | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 15-3-2019   | 580,0000       | P                 | EUR               | 62,1500 | 65,5000 | 62,1500 | 6           | 65,2000 | 66,0700    |      | 66           | 7             | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 15-3-2019   | 590,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,6400     |      | 1            | 0             | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 15-3-2019   | 590,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 75,6800    |      | 76           | 0             | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 15-3-2019   | 600,0000       | C                 | EUR               | 0,5300  | 0,5400  | 0,4600  | 17          | 0,4600  | 0,4500     |      | 0            | 19            | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 15-3-2019   | 600,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 85,5100    |      | 86           | 0             | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 15-3-2019   | 620,0000       | C                 | EUR               | 0,2200  | 0,2200  | 0,2200  | 1           | 0,2200  | 0,2200     |      | 0            | 4             | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 15-3-2019   | 620,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 105,3100   |      | 105          | 0             | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 15-3-2019   | 640,0000       | C                 | EUR               | 15,0000 | 0,0000  | 0,0000  | -           | 0,0000  | 0,1200     |      | 0            | 0             | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 15-3-2019   | 640,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 125,2400   |      | 125          | 0             | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 15-3-2019   | 660,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0700     |      | 0            | 0             | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 15-3-2019   | 660,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 145,2200   |      | 145          | 0             | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 15-3-2019   | 680,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0400     |      | 0            | 0             | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 15-3-2019   | 680,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 165,2200   |      | 165          | 0             | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 15-3-2019   | 720,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0300     |      | 0            | 0             | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 15-3-2019   | 720,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 205,2700   |      | 205          | 0             | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 15-3-2019   | 800,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 15-3-2019   | 800,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 285,3700   |      | 285          | 0             | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-6-2019   | 200,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 306,6500   |      | 307          | 0             | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-6-2019   | 200,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1600     |      | 0            | 0             | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-6-2019   | 300,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 206,7500   |      | 207          | 0             | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-6-2019   | 300,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,5200     |      | 1            | 0             | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-6-2019   | 320,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 186,8800   |      | 187          | 0             | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-6-2019   | 320,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,7100     |      | 1            |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open     | High     | Low      | Trade Count | Close    | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|-----------------|-------------|----------------|-------------------|-------------------|----------|----------|----------|-------------|----------|------------|------|--------------|---------------|--------------------|
| O                | AEX                       | AEX-INDEX       | 21-6-2019   | 450,0000       | P                 | EUR               | 6,7600   | 7,5000   | 6,7600   | 2           | 7,5000   | 7,4200     | 7    | 6            | 1246          | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-6-2019   | 480,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 39,7300    | 40   | 0            | 57            | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-6-2019   | 480,0000       | P                 | EUR               | 11,9000  | 14,3000  | 11,8500  | 8           | 13,5500  | 13,9800    | 14   | 11           | 430           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-6-2019   | 500,0000       | C                 | EUR               | 31,4000  | 31,4000  | 27,4000  | 4           | 27,4000  | 26,6000    | 27   | 6            | 267           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-6-2019   | 500,0000       | P                 | EUR               | 18,4100  | 20,8500  | 18,4100  | 7           | 20,8500  | 20,9100    | 21   | 34           | 957           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-6-2019   | 520,0000       | C                 | EUR               | 19,5000  | 19,5000  | 16,7000  | 9           | 17,0000  | 16,2300    | 16   | 11           | 355           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-6-2019   | 520,0000       | P                 | EUR               | 26,1000  | 29,5000  | 26,1000  | 3           | 29,5000  | 30,5800    | 31   | 5            | 316           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-6-2019   | 540,0000       | C                 | EUR               | 10,7500  | 10,7500  | 9,0000   | 10          | 9,0000   | 8,8900     | 9    | 22           | 465           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-6-2019   | 540,0000       | P                 | EUR               | 37,4500  | 42,4500  | 37,4500  | 5           | 42,4300  | 43,3000    | 43   | 33           | 170           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-6-2019   | 550,0000       | P                 | EUR               | 7,4500   | 7,4500   | 6,5000   | 3           | 6,5000   | 6,2900     | 6    | 4            | 840           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-6-2019   | 550,0000       | P                 | EUR               | 44,5000  | 44,5000  | 44,5000  | 1           | 44,5000  | 50,7300    | 51   | 4            | 574           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-6-2019   | 560,0000       | C                 | EUR               | 5,1500   | 5,1500   | 4,6000   | 3           | 4,6000   | 4,4100     | 4    | 3            | 560           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-6-2019   | 560,0000       | P                 | EUR               | 52,9000  | 59,1000  | 52,9000  | 3           | 59,1000  | 58,8700    | 59   | 16           | 119           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-6-2019   | 570,0000       | C                 | EUR               | 3,7000   | 3,7000   | 3,5000   | 4           | 3,5000   | 3,0500     | 3    | 54           | 202           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-6-2019   | 570,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 67,5400    | 68   | 0            | 60            | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-6-2019   | 580,0000       | C                 | EUR               | 2,3500   | 2,3500   | 2,3500   | 1           | 2,3500   | 2,1200     | 2    | 1            | 686           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-6-2019   | 580,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 76,6400    | 77   | 0            | 152           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-6-2019   | 590,0000       | C                 | EUR               | 1,7500   | 1,7500   | 1,7500   | 1           | 1,7500   | 1,4700     | 1    | 3            | 133           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-6-2019   | 590,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 86,0100    | 86   | 0            | 38            | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-6-2019   | 600,0000       | C                 | EUR               | 1,0400   | 1,0800   | 1,0400   | 4           | 1,0800   | 1,0600     | 1    | 200          | 829           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-6-2019   | 600,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 95,6300    | 96   | 0            | 109           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-6-2019   | 640,0000       | C                 | EUR               | 0,4300   | 0,4300   | 0,4300   | 1           | 0,4300   | 0,3700     | 0    | 10           | 435           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-6-2019   | 640,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 135,0500   | 135  | 0            | 10            | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-6-2019   | 650,0000       | C                 | EUR               | 0,3000   | 0,3000   | 0,3000   | 1           | 0,3000   | 0,3000     | 0    | 10           | 600           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-6-2019   | 650,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 145,0000   | 145  | 0            | 71            | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-6-2019   | 680,0000       | C                 | EUR               | 0,1600   | 0,1600   | 0,1600   | 1           | 0,1600   | 0,1300     | 0    | 50           | 143           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-6-2019   | 680,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 174,9100   | 175  | 0            | 130           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-6-2019   | 700,0000       | C                 | EUR               | 0,1000   | 0,1000   | 0,0400   | 3           | 0,0400   | 0,0800     | 0    | 3            | 147           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-6-2019   | 700,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 194,9200   | 195  | 0            | 803           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-6-2019   | 720,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,0500     | 0    | 0            | 130           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-6-2019   | 720,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 214,9400   | 215  | 0            | 928           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-6-2019   | 800,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,0100     | 0    | 0            | 183           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 21-6-2019   | 800,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 295,1100   | 295  | 0            | 1838          | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 20-9-2019   | 320,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 182,0100   | 182  | 0            | 0             | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 20-9-2019   | 320,0000       | P                 | EUR               | 1,1000   | 1,1500   | 1,1000   | 2           | 1,1500   | 1,1700     | 1    | 2            | 111           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 20-9-2019   | 400,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 104,8200   | 105  | 0            | 0             | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 20-9-2019   | 400,0000       | P                 | EUR               | 3,8500   | 3,8500   | 3,8500   | 1           | 3,8500   | 4,2500     | 4    | 1            | 223           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 20-9-2019   | 440,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 69,5400    | 70   | 0            | 2             | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 20-9-2019   | 440,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 9,1000     | 9    | 0            | 193           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 20-9-2019   | 480,0000       | C                 | EUR               | 44,4500  | 44,4500  | 44,4500  | 1           | 44,4500  | 39,3900    | 39   | 1            | 10            | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 20-9-2019   | 480,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 19,0900    | 19   | 0            | 78            | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 20-9-2019   | 500,0000       | C                 | EUR               | 28,3500  | 28,3500  | 28,3500  | 1           | 28,3500  | 27,2400    | 27   | 1            | 2             | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 20-9-2019   | 500,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 27,0100    | 27   | 0            | 4             | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 20-9-2019   | 520,0000       | C                 | EUR               | 20,3000  | 20,3000  | 17,6700  | 4           | 17,7500  | 17,5400    | 18   | 7            | 60            | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 20-9-2019   | 520,0000       | P                 | EUR               | 34,9000  | 37,4300  | 34,8000  | 4           | 36,9500  | 37,3800    | 37   | 6            | 56            | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 20-9-2019   | 540,0000       | C                 | EUR               | 12,4500  | 12,4500  | 10,7500  | 3           | 10,7500  | 10,4100    | 10   | 3            | 97            | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 20-9-2019   | 540,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 50,3200    | 50   | 0            | 24            | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 20-9-2019   | 560,0000       | C                 | EUR               | 7,0000   | 7,0500   | 6,1500   | 7           | 6,1500   | 5,8200     | 6    | 14           | 231           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 20-9-2019   | 560,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 65,7900    | 66   | 0            | 81            | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 20-9-2019   | 580,0000       | C                 | EUR               | 3,3200   | 3,3200   | 3,3200   | 1           | 3,3200   | 3,0600     | 3    | 1            | 154           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 20-9-2019   | 580,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 83,1000    | 83   | 0            | 0             | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 20-9-2019   | 600,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 1,6200     | 2    | 0            | 92            | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 20-9-2019   | 600,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 101,7300   | 102  | 0            | 0             | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 20-9-2019   | 640,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,5200     | 1    | 0            | 82            | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 20-9-2019   | 640,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 140,7600   | 141  | 0            | 0             | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 20-9-2019   | 680,0000       | C                 | EUR               | 0,2100   | 0,2100   | 0,2100   | 1           | 0,2100   | 0,1900     | 0    | 1            | 2             | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 20-9-2019   | 680,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 180,5700   | 181  | 0            | 0             | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 20-9-2019   | 720,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,1100     | 0    | 0            | 2             | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 20-9-2019   | 720,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 220,6200   | 221  | 0            | 60            | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 20-12-2019  | 100,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 400,1300   | 400  | 0            | 307           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 20-12-2019  | 100,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,0800     | 0    | 0            | 538           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 20-12-2019  | 200,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 300,0700   | 300  | 0            | 134           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 20-12-2019  | 200,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,4300     | 0    | 0            | 1852          | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 20-12-2019  | 250,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 250,1100   | 250  | 0            | 23            | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 20-12-2019  | 250,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,6900     | 1    | 0            | 809           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 20-12-2019  | 300,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 200,5100   | 201  | 0            | 311           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 20-12-2019  | 300,0000       | P                 | EUR               | 1,0900   | 1,3000   | 1,0900   | 3           | 1,3000   | 1,3000     | 1    | 10           | 1379          | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 20-12-2019  | 350,0000       | C                 | EUR               | 157,0000 | 157,0000 | 157,0000 | 1           | 157,0000 | 151,5400   | 152  | 1            | 208           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 20-12-2019  | 350,0000       | P                 | EUR               | 2,4500   | 2,7000   | 2,4500   | 3           | 2,7000   | 2,5400     | 3    | 7            | 895           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 20-12-2019  | 400,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 104,5600   | 105  | 0            | 2529          | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 20-12-2019  | 400,0000       | P                 | EUR               | 5,0200   | 6,0500   | 5,0200   | 4           | 5,7500   | 5,7700     | 6    | 5            | 3184          | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 20-12-2019  | 450,0000       | C                 | EUR               | 66,8000  | 66,8000  | 66,8000  | 2           | 66,8000  | 62,4100    | 62   | 5            | 953           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 20-12-2019  | 450,0000       | P                 | EUR               | 12,4600  | 13,8500  | 12,4600  | 3           | 13,8500  | 13,8300    | 14   | 16           | 2067          | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 20-12-2019  | 500,0000       | C                 | EUR               | 32,0000  | 32,6000  | 30,2500  | 5           | 30,2500  | 29,5200    | 30   | 11           | 2820          | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 20-12-2019  | 500,0000       | P                 | EUR               | 28,5500  | 29,2000  | 28,5500  | 7           | 29,2000  | 31,1500    | 31   | 19           | 3476          | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 20-12-2019  | 550,0000       | C                 | EUR               | 12,2700  | 12,2700  | 10,3000  | 4           | 10,6000  | 10,2100    | 10   | 4            | 3781          | 22-10-20           |



| Instrument Type* | Instrument Trading Symbol | Instrument Name | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open     | High     | Low      | Trade Count | Close    | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|-----------------|-------------|----------------|-------------------|-------------------|----------|----------|----------|-------------|----------|------------|------|--------------|---------------|--------------------|
| O                | AEX                       | AEX-INDEX       | 19-6-2020   | 200,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 289,5300   | 290  | 0            | 0             | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 19-6-2020   | 200,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,6200     | 1    | 0            | 39            | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 19-6-2020   | 300,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 190,6300   | 191  | 0            | 0             | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 19-6-2020   | 300,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 2,2500     | 2    | 0            | 51            | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 19-6-2020   | 400,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 97,7200    | 98   | 0            | 0             | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 19-6-2020   | 400,0000       | P                 | EUR               | 9,5000   | 9,8000   | 9,5000   | 2           | 9,8000   | 9,8800     | 10   | 2            | 112           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 19-6-2020   | 450,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 58,9000    | 59   | 0            | 4             | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 19-6-2020   | 450,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 21,3300    | 21   | 0            | 73            | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 19-6-2020   | 500,0000       | C                 | EUR               | 32,7700  | 32,7700  | 32,7700  | 1           | 32,7700  | 29,6800    | 30   | 5            | 38            | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 19-6-2020   | 500,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 42,3700    | 42   | 0            | 38            | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 19-6-2020   | 550,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 12,1800    | 12   | 0            | 85            | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 19-6-2020   | 550,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 75,1300    | 75   | 0            | 37            | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 19-6-2020   | 600,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 4,1100     | 4    | 0            | 103           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 19-6-2020   | 600,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 117,3300   | 117  | 0            | 5             | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 19-6-2020   | 650,0000       | C                 | EUR               | 1,4500   | 1,4500   | 1,4500   | 1           | 1,4500   | 1,3700     | 1    | 1            | 86            | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 19-6-2020   | 650,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 164,8600   | 165  | 0            | 0             | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 19-6-2020   | 700,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,5300     | 1    | 0            | 31            | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 19-6-2020   | 700,0000       | P                 | EUR               | 209,0000 | 209,5000 | 209,0000 | 2           | 209,5000 | 214,2800   | 214  | 6            | 23            | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 19-6-2020   | 800,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,1100     | 0    | 0            | 3             | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 19-6-2020   | 800,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 314,4000   | 314  | 0            | 31            | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 18-12-2020  | 100,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 384,1800   | 384  | 0            | 119           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 18-12-2020  | 100,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,1400     | 0    | 0            | 785           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 18-12-2020  | 200,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 284,4900   | 284  | 0            | 55            | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 18-12-2020  | 200,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,9800     | 1    | 0            | 855           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 18-12-2020  | 250,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 235,0000   | 235  | 0            | 71            | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 18-12-2020  | 250,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 1,7700     | 2    | 0            | 617           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 18-12-2020  | 300,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 186,2800   | 186  | 0            | 147           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 18-12-2020  | 300,0000       | P                 | EUR               | 3,3000   | 3,3000   | 3,3000   | 1           | 3,3000   | 3,3100     | 3    | 2            | 403           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 18-12-2020  | 350,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 139,3200   | 139  | 0            | 207           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 18-12-2020  | 350,0000       | P                 | EUR               | 6,4500   | 6,4500   | 6,4500   | 1           | 6,4500   | 6,6300     | 7    | 1            | 653           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 18-12-2020  | 400,0000       | C                 | EUR               | 101,0000 | 101,0000 | 101,0000 | 1           | 101,0000 | 96,2300    | 96   | 2            | 660           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 18-12-2020  | 400,0000       | P                 | EUR               | 12,9000  | 12,9000  | 12,9000  | 2           | 12,9000  | 13,8000    | 14   | 17           | 751           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 18-12-2020  | 450,0000       | C                 | EUR               | 60,5000  | 60,5000  | 60,5000  | 1           | 60,5000  | 59,8100    | 60   | 1            | 390           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 18-12-2020  | 450,0000       | P                 | EUR               | 25,9400  | 26,2000  | 25,3000  | 5           | 26,2000  | 27,6500    | 28   | 20           | 905           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 18-12-2020  | 500,0000       | C                 | EUR               | 33,8000  | 33,8000  | 32,8500  | 4           | 33,7000  | 32,6100    | 33   | 9            | 1081          | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 18-12-2020  | 500,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 50,7300    | 51   | 0            | 1542          | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 18-12-2020  | 550,0000       | C                 | EUR               | 16,7500  | 16,8000  | 15,5000  | 5           | 15,5000  | 15,2800    | 15   | 5            | 1116          | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 18-12-2020  | 550,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 83,6800    | 84   | 0            | 1391          | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 18-12-2020  | 600,0000       | C                 | EUR               | 7,6600   | 7,7000   | 6,7000   | 5           | 6,7000   | 6,2600     | 6    | 10           | 598           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 18-12-2020  | 600,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 124,9100   | 125  | 0            | 314           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 18-12-2020  | 650,0000       | C                 | EUR               | 3,2000   | 3,2000   | 2,7500   | 4           | 2,7500   | 2,5200     | 3    | 18           | 414           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 18-12-2020  | 650,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 171,4500   | 171  | 0            | 43            | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 18-12-2020  | 700,0000       | C                 | EUR               | 1,0000   | 1,0000   | 1,0000   | 1           | 1,0000   | 0,9700     | 1    | 1            | 529           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 18-12-2020  | 700,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 220,1700   | 220  | 0            | 15            | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 18-12-2020  | 800,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,2400     | 0    | 0            | 651           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 18-12-2020  | 800,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 319,9800   | 320  | 0            | 251           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 17-12-2021  | 200,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 271,2600   | 271  | 0            | 279           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 17-12-2021  | 200,0000       | P                 | EUR               | 1,6500   | 1,6500   | 1,6500   | 1           | 1,6500   | 1,6400     | 2    | 1            | 897           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 17-12-2021  | 300,0000       | C                 | EUR               | 176,0800 | 176,0800 | 176,0500 | 2           | 176,0500 | 175,4600   | 175  | 18           | 162           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 17-12-2021  | 300,0000       | P                 | EUR               | 6,1700   | 6,1700   | 6,1500   | 2           | 6,1500   | 6,2900     | 6    | 6            | 422           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 17-12-2021  | 400,0000       | C                 | EUR               | 92,1200  | 92,1200  | 92,0700  | 2           | 92,0700  | 91,2700    | 91   | 18           | 426           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 17-12-2021  | 400,0000       | P                 | EUR               | 21,4200  | 21,5600  | 21,4200  | 3           | 21,5600  | 22,5400    | 23   | 10           | 423           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 17-12-2021  | 450,0000       | C                 | EUR               | 59,6400  | 59,6500  | 59,6400  | 2           | 59,6500  | 59,2000    | 59   | 18           | 310           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 17-12-2021  | 450,0000       | P                 | EUR               | 38,0000  | 38,0000  | 38,0000  | 1           | 38,0000  | 40,6800    | 41   | 1            | 766           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 17-12-2021  | 500,0000       | C                 | EUR               | 37,8500  | 37,8500  | 35,6000  | 6           | 35,6000  | 35,2800    | 35   | 22           | 922           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 17-12-2021  | 500,0000       | P                 | EUR               | 63,5000  | 63,5000  | 63,5000  | 1           | 63,5000  | 66,9900    | 67   | 1            | 1290          | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 17-12-2021  | 550,0000       | C                 | EUR               | 20,9500  | 20,9500  | 20,5000  | 2           | 20,5000  | 19,5300    | 20   | 2            | 821           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 17-12-2021  | 550,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 101,4600   | 101  | 0            | 1389          | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 17-12-2021  | 600,0000       | C                 | EUR               | 11,3800  | 11,3800  | 11,1900  | 3           | 11,1900  | 10,0200    | 10   | 10           | 628           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 17-12-2021  | 600,0000       | P                 | EUR               | 135,7500 | 135,7500 | 135,7500 | 1           | 135,7500 | 142,1800   | 142  | 1            | 1017          | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 17-12-2021  | 700,0000       | C                 | EUR               | 2,7800   | 2,7800   | 2,3000   | 4           | 2,3000   | 2,3500     | 2    | 11           | 666           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 17-12-2021  | 700,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 234,9500   | 235  | 0            | 77            | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 17-12-2021  | 800,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,5800     | 1    | 0            | 1422          | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 17-12-2021  | 800,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 333,6200   | 334  | 0            | 349           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 16-12-2022  | 200,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 258,0800   | 258  | 0            | 95            | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 16-12-2022  | 200,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 2,5200     | 3    | 0            | 356           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 16-12-2022  | 300,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 164,9800   | 165  | 0            | 27            | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 16-12-2022  | 300,0000       | P                 | EUR               | 8,8500   | 9,2000   | 8,8500   | 2           | 9,2000   | 9,2500     | 9    | 2            | 808           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 16-12-2022  | 400,0000       | C                 | EUR               | 91,0000  | 91,0000  | 90,9000  | 2           | 90,9000  | 87,5400    | 88   | 2            | 185           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 16-12-2022  | 400,0000       | P                 | EUR               | 30,2000  | 30,4000  | 30,2000  | 3           | 30,2000  | 31,6500    | 32   | 3            | 574           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 16-12-2022  | 450,0000       | C                 | EUR               | 59,3000  | 59,3000  | 59,3000  | 1           | 59,3000  | 58,7800    | 59   | 1            | 390           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 16-12-2022  | 450,0000       | P                 | EUR               | 50,5500  | 52,5500  | 50,5500  | 2           | 52,5500  | 52,8100    | 53   | 6            | 334           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 16-12-2022  | 500,0000       | C                 | EUR               | 40,1200  | 40,3000  | 37,7500  | 8           | 38,5000  | 37,4700    | 37   | 44           | 1033          | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 16-12-2022  | 500,0000       | P                 | EUR               | 77,4000  | 79,0000  | 77,4000  | 3           | 79,0000  | 81,4100    | 81   | 17           | 601           | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 16-12-2022  | 550,0000       | C                 | EUR               | 24,5000  | 24,5000  | 24,0000  | 3           | 24,0000  | 23,1400    | 23   | 10           | 1192          | 22-10-2018         |
| O                | AEX                       | AEX-INDEX       | 16-12-2022  | 550,0000       | P                 |                   |          |          |          |             |          |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name         | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open    | High    | Low     | Trade Count | Close   | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|-------------------------|-------------|----------------|-------------------|-------------------|---------|---------|---------|-------------|---------|------------|------|--------------|---------------|--------------------|
| O                | AX1                       | AEX Weekly - 1st Friday | 2-11-2018   | 480,0000       | P                 | EUR               | 0,2200  | 0,3100  | 0,1600  | 6           | 0,3100  | 0,2900     | 0    | 27           | 74            | 22-10-2018         |
| O                | AX1                       | AEX Weekly - 1st Friday | 2-11-2018   | 490,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 29,0300    | 29   | 0            | 0             | 22-10-2018         |
| O                | AX1                       | AEX Weekly - 1st Friday | 2-11-2018   | 490,0000       | P                 | EUR               | 0,4000  | 0,5800  | 0,3200  | 9           | 0,5800  | 0,5900     | 1    | 24           | 41            | 22-10-2018         |
| O                | AX1                       | AEX Weekly - 1st Friday | 2-11-2018   | 495,0000       | C                 | EUR               | 25,7500 | 25,7500 | 25,7500 | 1           | 25,7500 | 24,3200    | 24   | 1            | 1             | 22-10-2018         |
| O                | AX1                       | AEX Weekly - 1st Friday | 2-11-2018   | 495,0000       | P                 | EUR               | 0,5300  | 0,9800  | 0,5300  | 11          | 0,8000  | 0,8800     | 1    | 57           | 59            | 22-10-2018         |
| O                | AX1                       | AEX Weekly - 1st Friday | 2-11-2018   | 500,0000       | C                 | EUR               | 23,8000 | 23,8000 | 23,8000 | 1           | 23,8000 | 19,7700    | 20   | 2            | 2             | 22-10-2018         |
| O                | AX1                       | AEX Weekly - 1st Friday | 2-11-2018   | 500,0000       | P                 | EUR               | 0,8000  | 1,5000  | 0,8000  | 15          | 1,1000  | 1,3300     | 1    | 119          | 116           | 22-10-2018         |
| O                | AX1                       | AEX Weekly - 1st Friday | 2-11-2018   | 505,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 15,4500    | 15   | 0            | 0             | 22-10-2018         |
| O                | AX1                       | AEX Weekly - 1st Friday | 2-11-2018   | 505,0000       | P                 | EUR               | 1,1000  | 2,2000  | 1,0700  | 15          | 1,7000  | 2,0200     | 2    | 36           | 33            | 22-10-2018         |
| O                | AX1                       | AEX Weekly - 1st Friday | 2-11-2018   | 510,0000       | C                 | EUR               | 11,5500 | 12,0000 | 11,5500 | 2           | 12,0000 | 11,4800    | 11   | 2            | 5             | 22-10-2018         |
| O                | AX1                       | AEX Weekly - 1st Friday | 2-11-2018   | 510,0000       | P                 | EUR               | 1,9000  | 3,3000  | 1,7500  | 6           | 3,3000  | 3,0500     | 3    | 16           | 52            | 22-10-2018         |
| O                | AX1                       | AEX Weekly - 1st Friday | 2-11-2018   | 512,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,0100    | 10   | 0            | 0             | 22-10-2018         |
| O                | AX1                       | AEX Weekly - 1st Friday | 2-11-2018   | 512,0000       | P                 | EUR               | 2,4000  | 3,7000  | 2,2000  | 16          | 3,7000  | 3,5800     | 4    | 211          | 206           | 22-10-2018         |
| O                | AX1                       | AEX Weekly - 1st Friday | 2-11-2018   | 514,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,6100     | 9    | 0            | 0             | 22-10-2018         |
| O                | AX1                       | AEX Weekly - 1st Friday | 2-11-2018   | 514,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,1800     | 4    | 0            | 4             | 22-10-2018         |
| O                | AX1                       | AEX Weekly - 1st Friday | 2-11-2018   | 516,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,3400     | 7    | 0            | 1             | 22-10-2018         |
| O                | AX1                       | AEX Weekly - 1st Friday | 2-11-2018   | 516,0000       | P                 | EUR               | 3,0000  | 5,1000  | 3,0000  | 18          | 4,4500  | 4,9100     | 5    | 141          | 129           | 22-10-2018         |
| O                | AX1                       | AEX Weekly - 1st Friday | 2-11-2018   | 518,0000       | C                 | EUR               | 6,8500  | 6,8500  | 6,4500  | 2           | 6,4500  | 6,1200     | 6    | 3            | 6             | 22-10-2018         |
| O                | AX1                       | AEX Weekly - 1st Friday | 2-11-2018   | 518,0000       | P                 | EUR               | 3,6900  | 6,0000  | 3,6500  | 20          | 4,9000  | 5,6900     | 6    | 214          | 212           | 22-10-2018         |
| O                | AX1                       | AEX Weekly - 1st Friday | 2-11-2018   | 520,0000       | C                 | EUR               | 5,9000  | 5,9500  | 5,1000  | 6           | 5,1000  | 5,0600     | 5    | 6            | 28            | 22-10-2018         |
| O                | AX1                       | AEX Weekly - 1st Friday | 2-11-2018   | 520,0000       | P                 | EUR               | 3,7500  | 7,0000  | 3,7500  | 28          | 5,8500  | 6,6300     | 7    | 142          | 72            | 22-10-2018         |
| O                | AX1                       | AEX Weekly - 1st Friday | 2-11-2018   | 522,0000       | C                 | EUR               | 6,4500  | 7,1000  | 4,8600  | 4           | 4,8600  | 4,0900     | 4    | 24           | 15            | 22-10-2018         |
| O                | AX1                       | AEX Weekly - 1st Friday | 2-11-2018   | 522,0000       | P                 | EUR               | 4,8000  | 7,5500  | 4,8000  | 10          | 7,5500  | 7,6600     | 8    | 12           | 15            | 22-10-2018         |
| O                | AX1                       | AEX Weekly - 1st Friday | 2-11-2018   | 524,0000       | C                 | EUR               | 6,0000  | 6,0000  | 3,3000  | 8           | 3,6500  | 3,2500     | 3    | 21           | 104           | 22-10-2018         |
| O                | AX1                       | AEX Weekly - 1st Friday | 2-11-2018   | 524,0000       | P                 | EUR               | 5,8500  | 9,2000  | 5,8500  | 15          | 8,2000  | 8,8200     | 9    | 71           | 45            | 22-10-2018         |
| O                | AX1                       | AEX Weekly - 1st Friday | 2-11-2018   | 526,0000       | C                 | EUR               | 5,5500  | 5,5500  | 2,7000  | 13          | 2,7500  | 2,5300     | 3    | 48           | 25            | 22-10-2018         |
| O                | AX1                       | AEX Weekly - 1st Friday | 2-11-2018   | 526,0000       | P                 | EUR               | 6,9900  | 10,2500 | 6,8000  | 11          | 9,5900  | 10,1000    | 10   | 17           | 18            | 22-10-2018         |
| O                | AX1                       | AEX Weekly - 1st Friday | 2-11-2018   | 528,0000       | C                 | EUR               | 3,9500  | 4,1000  | 2,0500  | 11          | 2,1500  | 1,9200     | 2    | 33           | 66            | 22-10-2018         |
| O                | AX1                       | AEX Weekly - 1st Friday | 2-11-2018   | 528,0000       | P                 | EUR               | 7,7500  | 11,4500 | 7,4000  | 5           | 11,4500 | 11,4900    | 11   | 5            | 3             | 22-10-2018         |
| O                | AX1                       | AEX Weekly - 1st Friday | 2-11-2018   | 530,0000       | C                 | EUR               | 3,2500  | 3,2500  | 1,6000  | 32          | 1,6500  | 1,4500     | 1    | 195          | 168           | 22-10-2018         |
| O                | AX1                       | AEX Weekly - 1st Friday | 2-11-2018   | 530,0000       | P                 | EUR               | 8,7500  | 13,2000 | 8,7500  | 5           | 12,4900 | 13,0200    | 13   | 5            | 9             | 22-10-2018         |
| O                | AX1                       | AEX Weekly - 1st Friday | 2-11-2018   | 532,0000       | C                 | EUR               | 2,8500  | 2,8500  | 1,2300  | 12          | 1,2300  | 1,0800     | 1    | 18           | 17            | 22-10-2018         |
| O                | AX1                       | AEX Weekly - 1st Friday | 2-11-2018   | 532,0000       | P                 | EUR               | 10,4000 | 15,0000 | 10,4000 | 7           | 15,0000 | 14,6500    | 15   | 26           | 20            | 22-10-2018         |
| O                | AX1                       | AEX Weekly - 1st Friday | 2-11-2018   | 534,0000       | C                 | EUR               | 2,1500  | 2,1500  | 0,8900  | 32          | 0,8900  | 0,7900     | 1    | 269          | 237           | 22-10-2018         |
| O                | AX1                       | AEX Weekly - 1st Friday | 2-11-2018   | 534,0000       | P                 | EUR               | 11,9500 | 15,4500 | 11,9500 | 3           | 15,4500 | 16,3600    | 16   | 3            | 26            | 22-10-2018         |
| O                | AX1                       | AEX Weekly - 1st Friday | 2-11-2018   | 536,0000       | C                 | EUR               | 1,4500  | 1,4500  | 0,6300  | 10          | 0,6300  | 0,5700     | 1    | 11           | 23            | 22-10-2018         |
| O                | AX1                       | AEX Weekly - 1st Friday | 2-11-2018   | 536,0000       | P                 | EUR               | 14,8500 | 16,8000 | 14,8500 | 4           | 16,3500 | 18,1400    | 18   | 10           | 23            | 22-10-2018         |
| O                | AX1                       | AEX Weekly - 1st Friday | 2-11-2018   | 538,0000       | C                 | EUR               | 1,1000  | 1,1000  | 0,4800  | 9           | 0,4800  | 0,4100     | 0    | 12           | 59            | 22-10-2018         |
| O                | AX1                       | AEX Weekly - 1st Friday | 2-11-2018   | 538,0000       | P                 | EUR               | 15,1000 | 15,1000 | 15,1000 | 1           | 15,1000 | 19,9800    | 20   | 11           | 31            | 22-10-2018         |
| O                | AX1                       | AEX Weekly - 1st Friday | 2-11-2018   | 540,0000       | C                 | EUR               | 0,8600  | 0,8600  | 0,3700  | 11          | 0,3700  | 0,3000     | 0    | 44           | 59            | 22-10-2018         |
| O                | AX1                       | AEX Weekly - 1st Friday | 2-11-2018   | 540,0000       | P                 | EUR               | 16,4000 | 16,4000 | 16,4000 | 1           | 16,4000 | 21,8700    | 22   | 1            | 8             | 22-10-2018         |
| O                | AX1                       | AEX Weekly - 1st Friday | 2-11-2018   | 545,0000       | C                 | EUR               | 0,3700  | 0,3700  | 0,1700  | 7           | 0,1700  | 0,1400     | 0    | 47           | 75            | 22-10-2018         |
| O                | AX1                       | AEX Weekly - 1st Friday | 2-11-2018   | 545,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 26,7100    | 27   | 0            | 3             | 22-10-2018         |
| O                | AX1                       | AEX Weekly - 1st Friday | 2-11-2018   | 550,0000       | C                 | EUR               | 0,1300  | 0,1300  | 0,0900  | 3           | 0,0900  | 0,0700     | 0    | 7            | 147           | 22-10-2018         |
| O                | AX1                       | AEX Weekly - 1st Friday | 2-11-2018   | 550,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 31,6500    | 32   | 0            | 21            | 22-10-2018         |
| O                | AX1                       | AEX Weekly - 1st Friday | 2-11-2018   | 560,0000       | C                 | EUR               | 0,0400  | 0,0400  | 0,0400  | 2           | 0,0400  | 0,0200     | 0    | 2            | 7             | 22-10-2018         |
| O                | AX1                       | AEX Weekly - 1st Friday | 2-11-2018   | 560,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 41,6000    | 42   | 0            | 1             | 22-10-2018         |
| O                | AX1                       | AEX Weekly - 1st Friday | 2-11-2018   | 570,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | AX1                       | AEX Weekly - 1st Friday | 2-11-2018   | 570,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 51,5800    | 52   | 0            | 8             | 22-10-2018         |
| O                | AX1                       | AEX Weekly - 1st Friday | 2-11-2018   | 580,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | AX1                       | AEX Weekly - 1st Friday | 2-11-2018   | 580,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 61,5800    | 62   | 0            | 0             | 22-10-2018         |
| O                | AX4                       | AEX Weekly - 4th Friday | 26-10-2018  | 460,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 59,0800    | 59   | 0            | 1             | 22-10-2018         |
| O                | AX4                       | AEX Weekly - 4th Friday | 26-10-2018  | 460,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0200     | 0    | 0            | 48            | 22-10-2018         |
| O                | AX4                       | AEX Weekly - 4th Friday | 26-10-2018  | 470,0000       | C                 | EUR               | 50,1000 | 50,1000 | 50,1000 | 1           | 50,1000 | 49,0900    | 49   | 1            | 1             | 22-10-2018         |
| O                | AX4                       | AEX Weekly - 4th Friday | 26-10-2018  | 470,0000       | P                 | EUR               | 0,0500  | 0,0500  | 0,0400  | 2           | 0,0400  | 0,0300     | 0    | 2            | 19            | 22-10-2018         |
| O                | AX4                       | AEX Weekly - 4th Friday | 26-10-2018  | 480,0000       | C                 | EUR               | 42,6500 | 42,6500 | 41,0000 | 2           | 41,0000 | 39,1300    | 39   | 2            | 4             | 22-10-2018         |
| O                | AX4                       | AEX Weekly - 4th Friday | 26-10-2018  | 480,0000       | P                 | EUR               | 0,0500  | 0,0700  | 0,0400  | 12          | 0,0700  | 0,0700     | 0    | 21           | 153           | 22-10-2018         |
| O                | AX4                       | AEX Weekly - 4th Friday | 26-10-2018  | 490,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 29,1800    | 29   | 0            | 1             | 22-10-2018         |
| O                | AX4                       | AEX Weekly - 4th Friday | 26-10-2018  | 490,0000       | P                 | EUR               | 0,0700  | 0,0900  | 0,0700  | 6           | 0,0800  | 0,1200     | 0    | 81           | 189           | 22-10-2018         |
| O                | AX4                       | AEX Weekly - 4th Friday | 26-10-2018  | 495,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 24,2400    | 24   | 0            | 2             | 22-10-2018         |
| O                | AX4                       | AEX Weekly - 4th Friday | 26-10-2018  | 495,0000       | P                 | EUR               | 0,1000  | 0,2500  | 0,1000  | 19          | 0,1700  | 0,1900     | 0    | 19           | 60            | 22-10-2018         |
| O                | AX4                       | AEX Weekly - 4th Friday | 26-10-2018  | 500,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 19,3800    | 19   | 0            | 0             | 22-10-2018         |
| O                | AX4                       | AEX Weekly - 4th Friday | 26-10-2018  | 500,0000       | P                 | EUR               | 0,1500  | 0,4100  | 0,1500  | 29          | 0,2600  | 0,3300     | 0    | 106          | 383           | 22-10-2018         |
| O                | AX4                       | AEX Weekly - 4th Friday | 26-10-2018  | 502,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 17,4800    | 17   | 0            | 0             | 22-10-2018         |
| O                | AX4                       | AEX Weekly - 4th Friday | 26-10-2018  | 502,0000       | P                 | EUR               | 0,1900  | 0,5200  | 0,1900  | 13          | 0,3300  | 0,4300     | 0    | 13           | 261           | 22-10-2018         |
| O                | AX4                       | AEX Weekly - 4th Friday | 26-10-2018  | 504,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 15,6200    | 16   | 0            | 0             | 22-10-2018         |
| O                | AX4                       | AEX Weekly - 4th Friday | 26-10-2018  | 504,0000       | P                 | EUR               | 0,2200  | 0,6900  | 0,2100  | 26          | 0,4100  | 0,5600     | 1    | 47           | 861           | 22-10-2018         |
| O                | AX4                       | AEX Weekly - 4th Friday | 26-10-2018  | 505,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 14,7100    | 15   | 0            | 0             | 22-10-2018         |
| O                | AX4                       | AEX Weekly - 4th Friday | 26-10-2018  | 505,0000       | P                 | EUR               | 0,2900  | 0,8000  | 0,2400  | 28          | 0,5400  | 0,6500     | 1    | 73           | 320           | 22-10-2018         |
| O                | AX4                       | AEX Weekly - 4th Friday | 26-10-2018  | 506,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 13,8000    | 14   | 0            | 0             | 22-10-2018         |
| O                | AX4                       | AEX Weekly - 4th Friday | 26-10-2018  | 506,0000       | P                 | EUR               | 0,3700  | 0,9000  | 0,3300  | 34          | 0,6400  | 0,7400     | 1    | 156          | 271           | 22-10-2018         |
| O                | AX4                       | AEX Weekly - 4th Friday | 26-10-2018  | 508,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,0300    | 12   | 0            | 0             | 22-10-2018         |
| O                | AX4                       | AEX Weekly - 4th Friday | 26-10-2018  | 508,0000       | P                 | EUR               | 0,4200  | 1,1500  | 0,3700  | 56          | 0,8900  | 0,9800     | 1    | 159          | 219           | 22-10-2018         |
| O                | AX4                       | AEX Weekly - 4th Friday | 26-10-2018  | 510,0000       | C                 | EUR               | 11,5500 | 11,5500 | 11,5500 | 1           | 11,5500 | 10,3500    | 10   | 1            | 2             | 22-10-2018         |
| O                | AX4                       | AEX Weekly - 4th Friday |             |                |                   |                   |         |         |         |             |         |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name                      | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open     | High     | Low      | Trade Count | Close    | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|--------------------------------------|-------------|----------------|-------------------|-------------------|----------|----------|----------|-------------|----------|------------|------|--------------|---------------|--------------------|
| O                | AX4                       | AEX Weekly - 4th Friday              | 26-10-2018  | 522,0000       | C                 | EUR               | 5,6700   | 5,6700   | 2,5000   | 38          | 3,0000   | 2,5100     | 3    | 82           | 55            | 22-10-2018         |
| O                | AX4                       | AEX Weekly - 4th Friday              | 26-10-2018  | 522,0000       | P                 | EUR               | 2,8000   | 5,8500   | 2,7000   | 50          | 5,0000   | 5,4600     | 5    | 255          | 187           | 22-10-2018         |
| O                | AX4                       | AEX Weekly - 4th Friday              | 26-10-2018  | 524,0000       | C                 | EUR               | 4,9500   | 4,9500   | 1,8000   | 74          | 2,0000   | 1,7800     | 2    | 288          | 332           | 22-10-2018         |
| O                | AX4                       | AEX Weekly - 4th Friday              | 26-10-2018  | 524,0000       | P                 | EUR               | 2,8500   | 7,1000   | 2,8500   | 33          | 5,6500   | 6,7200     | 7    | 117          | 165           | 22-10-2018         |
| O                | AX4                       | AEX Weekly - 4th Friday              | 26-10-2018  | 526,0000       | C                 | EUR               | 4,8000   | 4,8000   | 1,2300   | 79          | 1,3800   | 1,2100     | 1    | 270          | 703           | 22-10-2018         |
| O                | AX4                       | AEX Weekly - 4th Friday              | 26-10-2018  | 526,0000       | P                 | EUR               | 3,7000   | 8,4000   | 3,4000   | 27          | 7,3500   | 8,1500     | 8    | 71           | 440           | 22-10-2018         |
| O                | AX4                       | AEX Weekly - 4th Friday              | 26-10-2018  | 528,0000       | C                 | EUR               | 3,5000   | 3,6000   | 0,8300   | 90          | 0,9300   | 0,7900     | 1    | 461          | 350           | 22-10-2018         |
| O                | AX4                       | AEX Weekly - 4th Friday              | 26-10-2018  | 528,0000       | P                 | EUR               | 4,5000   | 10,0000  | 4,5000   | 24          | 8,3500   | 9,7300     | 10   | 126          | 163           | 22-10-2018         |
| O                | AX4                       | AEX Weekly - 4th Friday              | 26-10-2018  | 530,0000       | C                 | EUR               | 2,4000   | 2,5500   | 0,5300   | 126         | 0,5300   | 0,4900     | 0    | 614          | 612           | 22-10-2018         |
| O                | AX4                       | AEX Weekly - 4th Friday              | 26-10-2018  | 530,0000       | P                 | EUR               | 5,9000   | 11,7600  | 5,9000   | 11          | 10,3000  | 11,4300    | 11   | 28           | 139           | 22-10-2018         |
| O                | AX4                       | AEX Weekly - 4th Friday              | 26-10-2018  | 532,0000       | C                 | EUR               | 1,7500   | 1,8500   | 0,3500   | 78          | 0,3900   | 0,3100     | 0    | 302          | 711           | 22-10-2018         |
| O                | AX4                       | AEX Weekly - 4th Friday              | 26-10-2018  | 532,0000       | P                 | EUR               | 8,5500   | 12,4000  | 8,5500   | 6           | 12,4000  | 13,2500    | 13   | 35           | 559           | 22-10-2018         |
| O                | AX4                       | AEX Weekly - 4th Friday              | 26-10-2018  | 534,0000       | C                 | EUR               | 1,1500   | 1,2000   | 0,2200   | 88          | 0,2800   | 0,2000     | 0    | 178          | 291           | 22-10-2018         |
| O                | AX4                       | AEX Weekly - 4th Friday              | 26-10-2018  | 534,0000       | P                 | EUR               | 10,3800  | 15,3500  | 10,0000  | 6           | 14,3000  | 15,1500    | 15   | 26           | 71            | 22-10-2018         |
| O                | AX4                       | AEX Weekly - 4th Friday              | 26-10-2018  | 536,0000       | C                 | EUR               | 0,8800   | 0,8800   | 0,1700   | 99          | 0,1800   | 0,1300     | 0    | 217          | 215           | 22-10-2018         |
| O                | AX4                       | AEX Weekly - 4th Friday              | 26-10-2018  | 536,0000       | P                 | EUR               | 10,9500  | 15,9000  | 10,9500  | 6           | 15,0000  | 17,0800    | 17   | 71           | 284           | 22-10-2018         |
| O                | AX4                       | AEX Weekly - 4th Friday              | 26-10-2018  | 538,0000       | C                 | EUR               | 0,4500   | 0,4500   | 0,1100   | 38          | 0,1300   | 0,0800     | 0    | 112          | 188           | 22-10-2018         |
| O                | AX4                       | AEX Weekly - 4th Friday              | 26-10-2018  | 538,0000       | P                 | EUR               | 13,8600  | 13,8600  | 13,8600  | 1           | 13,8600  | 19,0300    | 19   | 1            | 43            | 22-10-2018         |
| O                | AX4                       | AEX Weekly - 4th Friday              | 26-10-2018  | 540,0000       | C                 | EUR               | 0,2500   | 0,2500   | 0,0800   | 47          | 0,0900   | 0,0600     | 0    | 115          | 206           | 22-10-2018         |
| O                | AX4                       | AEX Weekly - 4th Friday              | 26-10-2018  | 540,0000       | P                 | EUR               | 13,0500  | 13,0500  | 13,0500  | 1           | 13,0500  | 21,0100    | 21   | 3            | 219           | 22-10-2018         |
| O                | AX4                       | AEX Weekly - 4th Friday              | 26-10-2018  | 542,0000       | C                 | EUR               | 0,1300   | 0,1300   | 0,0600   | 13          | 0,0600   | 0,0500     | 0    | 100          | 193           | 22-10-2018         |
| O                | AX4                       | AEX Weekly - 4th Friday              | 26-10-2018  | 542,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 22,9900    | 23   | 0            | 20            | 22-10-2018         |
| O                | AX4                       | AEX Weekly - 4th Friday              | 26-10-2018  | 544,0000       | C                 | EUR               | 0,1400   | 0,1400   | 0,0300   | 14          | 0,0400   | 0,0400     | 0    | 18           | 107           | 22-10-2018         |
| O                | AX4                       | AEX Weekly - 4th Friday              | 26-10-2018  | 544,0000       | P                 | EUR               | 19,8000  | 19,8000  | 19,4000  | 4           | 19,4000  | 24,9800    | 25   | 32           | 10            | 22-10-2018         |
| O                | AX4                       | AEX Weekly - 4th Friday              | 26-10-2018  | 545,0000       | C                 | EUR               | 0,1000   | 0,1000   | 0,0300   | 8           | 0,0300   | 0,0300     | 0    | 31           | 372           | 22-10-2018         |
| O                | AX4                       | AEX Weekly - 4th Friday              | 26-10-2018  | 545,0000       | P                 | EUR               | 25,0000  | 25,0000  | 25,0000  | 1           | 25,0000  | 25,9800    | 26   | 10           | 17            | 22-10-2018         |
| O                | AX4                       | AEX Weekly - 4th Friday              | 26-10-2018  | 550,0000       | C                 | EUR               | 0,0400   | 0,0400   | 0,0200   | 5           | 0,0300   | 0,0200     | 0    | 17           | 436           | 22-10-2018         |
| O                | AX4                       | AEX Weekly - 4th Friday              | 26-10-2018  | 550,0000       | P                 | EUR               | 30,6500  | 30,6500  | 30,6500  | 1           | 30,6500  | 30,9600    | 31   | 1            | 51            | 22-10-2018         |
| O                | AX4                       | AEX Weekly - 4th Friday              | 26-10-2018  | 555,0000       | C                 | EUR               | 0,0200   | 0,0200   | 0,0200   | 1           | 0,0200   | 0,0200     | 0    | 1            | 52            | 22-10-2018         |
| O                | AX4                       | AEX Weekly - 4th Friday              | 26-10-2018  | 555,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 35,9600    | 36   | 0            | 0             | 22-10-2018         |
| O                | AX4                       | AEX Weekly - 4th Friday              | 26-10-2018  | 560,0000       | C                 | EUR               | 0,0200   | 0,0200   | 0,0200   | 1           | 0,0200   | 0,0100     | 0    | 1            | 8             | 22-10-2018         |
| O                | AX4                       | AEX Weekly - 4th Friday              | 26-10-2018  | 560,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 40,9600    | 41   | 0            | 148           | 22-10-2018         |
| O                | AX4                       | AEX Weekly - 4th Friday              | 26-10-2018  | 570,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | AX4                       | AEX Weekly - 4th Friday              | 26-10-2018  | 570,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 50,9600    | 51   | 0            | 0             | 22-10-2018         |
| O                | AX4                       | AEX Weekly - 4th Friday              | 26-10-2018  | 580,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | AX4                       | AEX Weekly - 4th Friday              | 26-10-2018  | 580,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 60,9600    | 61   | 0            | 1             | 22-10-2018         |
| F                | AXF                       | AEX Dividend Index Future            | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 18,2500    | 18   | 0            | 0             | 22-10-2018         |
| F                | AXF                       | AEX Dividend Index Future            | 20-12-2019  | 0,0000         |                   | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 18,3500    | 18   | 0            | 0             | 22-10-2018         |
| F                | AXF                       | AEX Dividend Index Future            | 18-12-2020  | 0,0000         |                   | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 18,5000    | 19   | 0            | 0             | 22-10-2018         |
| F                | AXF                       | AEX Dividend Index Future            | 17-12-2021  | 0,0000         |                   | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 18,5000    | 19   | 0            | 0             | 22-10-2018         |
| F                | AXF                       | AEX Dividend Index Future            | 16-12-2022  | 0,0000         |                   | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 18,5000    | 19   | 0            | 0             | 22-10-2018         |
| F                | FME                       | Morningstar Eurozone 50 Index Future | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 1008,5100  | 1009 | 0            | 0             | 22-10-2018         |
| F                | FME                       | Morningstar Eurozone 50 Index Future | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 1007,5100  | 1008 | 0            | 0             | 22-10-2018         |
| F                | FME                       | Morningstar Eurozone 50 Index Future | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 1006,5100  | 1007 | 0            | 0             | 22-10-2018         |
| F                | FME                       | Morningstar Eurozone 50 Index Future | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 1005,5100  | 1006 | 0            | 0             | 22-10-2018         |
| F                | FMX                       | AMX Index Future                     | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 739,3000   | 739  | 0            | 0             | 22-10-2018         |
| F                | FMX                       | AMX Index Future                     | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 739,0000   | 739  | 0            | 0             | 22-10-2018         |
| F                | FMX                       | AMX Index Future                     | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 738,8000   | 739  | 0            | 0             | 22-10-2018         |
| F                | FTI                       | FUTURE AEX INDEX                     | 16-11-2018  | 0,0000         |                   | EUR               | 523,1000 | 526,2500 | 516,5000 | 26,205      | 517,2000 | 517,1800   | 517  | 29858        | 71252         | 22-10-2018         |
| F                | FTI                       | FUTURE AEX INDEX                     | 21-12-2018  | 0,0000         |                   | EUR               | 522,9500 | 522,9500 | 516,7500 | 4           | 518,0500 | 516,9800   | 517  | 4            | 1339          | 22-10-2018         |
| F                | FTI                       | FUTURE AEX INDEX                     | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 516,8800   | 517  | 0            | 0             | 22-10-2018         |
| F                | FTI                       | FUTURE AEX INDEX                     | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 515,0800   | 515  | 0            | 38            | 22-10-2018         |
| F                | FTI                       | FUTURE AEX INDEX                     | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 505,6800   | 506  | 0            | 34            | 22-10-2018         |
| F                | FTI                       | FUTURE AEX INDEX                     | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 500,2300   | 500  | 0            | 0             | 22-10-2018         |
| F                | MFA                       | AEX Index - Mini Future              | 16-11-2018  | 0,0000         |                   | EUR               | 522,8000 | 525,3000 | 516,9500 | 50          | 516,9500 | 517,1800   | 517  | 74           | 56            | 22-10-2018         |
| F                | MFA                       | AEX Index - Mini Future              | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 516,9800   | 517  | 0            | 0             | 22-10-2018         |
| F                | MFA                       | AEX Index - Mini Future              | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 516,8800   | 517  | 0            | 0             | 22-10-2018         |
| O                | MOA                       | AEX Index - Mini Option              | 16-11-2018  | 400,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 117,2800   | 117  | 0            | 0             | 22-10-2018         |
| O                | MOA                       | AEX Index - Mini Option              | 16-11-2018  | 400,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,0700     | 0    | 0            | 0             | 22-10-2018         |
| O                | MOA                       | AEX Index - Mini Option              | 16-11-2018  | 420,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 97,3200    | 97   | 0            | 0             | 22-10-2018         |
| O                | MOA                       | AEX Index - Mini Option              | 16-11-2018  | 420,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,1200     | 0    | 0            | 0             | 22-10-2018         |
| O                | MOA                       | AEX Index - Mini Option              | 16-11-2018  | 440,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 77,4100    | 77   | 0            | 0             | 22-10-2018         |
| O                | MOA                       | AEX Index - Mini Option              | 16-11-2018  | 440,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,2100     | 0    | 0            | 0             | 22-10-2018         |
| O                | MOA                       | AEX Index - Mini Option              | 16-11-2018  | 450,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 67,4700    | 67   | 0            | 0             | 22-10-2018         |
| O                | MOA                       | AEX Index - Mini Option              | 16-11-2018  | 450,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,2700     | 0    | 2            | 22-10-2018    |                    |
| O                | MOA                       | AEX Index - Mini Option              | 16-11-2018  | 460,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 57,6000    | 58   | 0            | 0             | 22-10-2018         |
| O                | MOA                       | AEX Index - Mini Option              | 16-11-2018  | 460,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,4000     | 0    | 0            | 0             | 22-10-2018         |
| O                | MOA                       | AEX Index - Mini Option              | 16-11-2018  | 470,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 47,8400    | 48   | 0            | 0             | 22-10-2018         |
| O                | MOA                       | AEX Index - Mini Option              | 16-11-2018  | 470,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,6500     | 1    | 0            | 0             | 22-10-2018         |
| O                | MOA                       | AEX Index - Mini Option              | 16-11-2018  | 475,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 43,0200    | 43   | 0            | 0             | 22-10-2018         |
| O                | MOA                       | AEX Index - Mini Option              | 16-11-2018  | 475,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 0,8300     | 1    | 0            | 0             | 22-10-2018         |
| O                | MOA                       | AEX Index - Mini Option              | 16-11-2018  | 480,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 38,2600    | 38   | 0            | 0             | 22-10-2018         |
| O                | MOA                       | AEX Index - Mini Option              | 16-11-2018  | 480,0000       | P                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 1,0700     | 1    | 0            | 1             | 22-10-2018         |
| O                | MOA                       | AEX Index - Mini Option              | 16-11-2018  | 485,0000       | C                 | EUR               | 0,0000   | 0,0000   | 0,0000   | -           | 0,0000   | 33,5900    | 34   | 0            | 0             | 22-10-2018         |
| O                | MOA                       | AEX Index - Mini Option              | 16-11-2018  | 485,0000       | P                 | EUR               | 0,0000   |          |          |             |          |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name         | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open    | High    | Low     | Trade Count | Close   | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|-------------------------|-------------|----------------|-------------------|-------------------|---------|---------|---------|-------------|---------|------------|------|--------------|---------------|--------------------|
| O                | MOA                       | AEX Index - Mini Option | 16-11-2018  | 515,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 9,7100     | 10   | 0            | 2             | 22-10-2018         |
| O                | MOA                       | AEX Index - Mini Option | 16-11-2018  | 515,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 7,5300     | 8    | 0            | 3             | 22-10-2018         |
| O                | MOA                       | AEX Index - Mini Option | 16-11-2018  | 520,0000       | C                 | EUR               | 7,6000  | 7,6000  | 7,1000  | 2           | 7,1000  | 6,8900     | 7    | 2            | 4             | 22-10-2018         |
| O                | MOA                       | AEX Index - Mini Option | 16-11-2018  | 520,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 9,7200     | 10   | 0            | 9             | 22-10-2018         |
| O                | MOA                       | AEX Index - Mini Option | 16-11-2018  | 525,0000       | C                 | EUR               | 7,8000  | 7,8000  | 6,9500  | 4           | 7,0000  | 4,6900     | 5    | 6            | 10            | 22-10-2018         |
| O                | MOA                       | AEX Index - Mini Option | 16-11-2018  | 525,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,5100    | 13   | 0            | 45            | 22-10-2018         |
| O                | MOA                       | AEX Index - Mini Option | 16-11-2018  | 530,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,9600     | 3    | 0            | 3             | 22-10-2018         |
| O                | MOA                       | AEX Index - Mini Option | 16-11-2018  | 530,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 15,7900    | 16   | 0            | 10            | 22-10-2018         |
| O                | MOA                       | AEX Index - Mini Option | 16-11-2018  | 535,0000       | C                 | EUR               | 2,9500  | 2,9500  | 2,9500  | 1           | 2,9500  | 1,8000     | 2    | 1            | 4             | 22-10-2018         |
| O                | MOA                       | AEX Index - Mini Option | 16-11-2018  | 535,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 19,6300    | 20   | 0            | 2             | 22-10-2018         |
| O                | MOA                       | AEX Index - Mini Option | 16-11-2018  | 540,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,0500     | 1    | 0            | 2             | 22-10-2018         |
| O                | MOA                       | AEX Index - Mini Option | 16-11-2018  | 540,0000       | P                 | EUR               | 21,6000 | 21,6000 | 21,6000 | 1           | 21,6000 | 23,8800    | 24   | 1            | 16            | 22-10-2018         |
| O                | MOA                       | AEX Index - Mini Option | 16-11-2018  | 545,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,6100     | 1    | 0            | 15            | 22-10-2018         |
| O                | MOA                       | AEX Index - Mini Option | 16-11-2018  | 545,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 28,4400    | 28   | 0            | 6             | 22-10-2018         |
| O                | MOA                       | AEX Index - Mini Option | 16-11-2018  | 550,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3600     | 0    | 0            | 5             | 22-10-2018         |
| O                | MOA                       | AEX Index - Mini Option | 16-11-2018  | 550,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 33,1800    | 33   | 0            | 10            | 22-10-2018         |
| O                | MOA                       | AEX Index - Mini Option | 16-11-2018  | 555,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2100     | 0    | 0            | 4             | 22-10-2018         |
| O                | MOA                       | AEX Index - Mini Option | 16-11-2018  | 555,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 38,0400    | 38   | 0            | 6             | 22-10-2018         |
| O                | MOA                       | AEX Index - Mini Option | 16-11-2018  | 560,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1300     | 0    | 0            | 10            | 22-10-2018         |
| O                | MOA                       | AEX Index - Mini Option | 16-11-2018  | 560,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 42,9700    | 43   | 0            | 13            | 22-10-2018         |
| O                | MOA                       | AEX Index - Mini Option | 16-11-2018  | 565,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1000     | 0    | 0            | 3             | 22-10-2018         |
| O                | MOA                       | AEX Index - Mini Option | 16-11-2018  | 565,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 47,9300    | 48   | 0            | 3             | 22-10-2018         |
| O                | MOA                       | AEX Index - Mini Option | 16-11-2018  | 570,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0700     | 0    | 0            | 2             | 22-10-2018         |
| O                | MOA                       | AEX Index - Mini Option | 16-11-2018  | 570,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 52,9100    | 53   | 0            | 3             | 22-10-2018         |
| O                | MOA                       | AEX Index - Mini Option | 16-11-2018  | 575,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0500     | 0    | 0            | 0             | 22-10-2018         |
| O                | MOA                       | AEX Index - Mini Option | 16-11-2018  | 575,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 57,8900    | 58   | 0            | 0             | 22-10-2018         |
| O                | MOA                       | AEX Index - Mini Option | 16-11-2018  | 580,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0300     | 0    | 0            | 2             | 22-10-2018         |
| O                | MOA                       | AEX Index - Mini Option | 16-11-2018  | 580,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 62,8700    | 63   | 0            | 0             | 22-10-2018         |
| O                | MOA                       | AEX Index - Mini Option | 16-11-2018  | 585,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0200     | 0    | 0            | 0             | 22-10-2018         |
| O                | MOA                       | AEX Index - Mini Option | 16-11-2018  | 585,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 67,8500    | 68   | 0            | 0             | 22-10-2018         |
| O                | MOA                       | AEX Index - Mini Option | 16-11-2018  | 590,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 1             | 22-10-2018         |
| O                | MOA                       | AEX Index - Mini Option | 16-11-2018  | 590,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 72,8500    | 73   | 0            | 1             | 22-10-2018         |
| O                | MOA                       | AEX Index - Mini Option | 16-11-2018  | 595,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | MOA                       | AEX Index - Mini Option | 16-11-2018  | 595,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 77,8400    | 78   | 0            | 0             | 22-10-2018         |
| O                | MOA                       | AEX Index - Mini Option | 16-11-2018  | 600,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | MOA                       | AEX Index - Mini Option | 16-11-2018  | 600,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 82,8400    | 83   | 0            | 3             | 22-10-2018         |
| O                | MOA                       | AEX Index - Mini Option | 16-11-2018  | 610,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | MOA                       | AEX Index - Mini Option | 16-11-2018  | 610,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 92,8400    | 93   | 0            | 0             | 22-10-2018         |
| O                | MOA                       | AEX Index - Mini Option | 16-11-2018  | 620,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | MOA                       | AEX Index - Mini Option | 16-11-2018  | 620,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 102,8500   | 103  | 0            | 0             | 22-10-2018         |
| O                | MOA                       | AEX Index - Mini Option | 16-11-2018  | 640,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | MOA                       | AEX Index - Mini Option | 16-11-2018  | 640,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 122,8500   | 123  | 0            | 0             | 22-10-2018         |
| O                | MOA                       | AEX Index - Mini Option | 16-11-2018  | 660,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | MOA                       | AEX Index - Mini Option | 16-11-2018  | 660,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 142,8600   | 143  | 0            | 0             | 22-10-2018         |
| O                | MOA                       | AEX Index - Mini Option | 16-11-2018  | 680,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | MOA                       | AEX Index - Mini Option | 16-11-2018  | 680,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 162,8600   | 163  | 0            | 0             | 22-10-2018         |
| O                | MOA                       | AEX Index - Mini Option | 16-11-2018  | 720,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | MOA                       | AEX Index - Mini Option | 16-11-2018  | 720,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 202,8700   | 203  | 0            | 0             | 22-10-2018         |
| O                | MOA                       | AEX Index - Mini Option | 21-12-2018  | 360,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 157,2300   | 157  | 0            | 0             | 22-10-2018         |
| O                | MOA                       | AEX Index - Mini Option | 21-12-2018  | 360,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1400     | 0    | 0            | 0             | 22-10-2018         |
| O                | MOA                       | AEX Index - Mini Option | 21-12-2018  | 400,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 117,3700   | 117  | 0            | 0             | 22-10-2018         |
| O                | MOA                       | AEX Index - Mini Option | 21-12-2018  | 400,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3100     | 0    | 0            | 0             | 22-10-2018         |
| O                | MOA                       | AEX Index - Mini Option | 21-12-2018  | 420,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 97,5400    | 98   | 0            | 0             | 22-10-2018         |
| O                | MOA                       | AEX Index - Mini Option | 21-12-2018  | 420,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,5000     | 1    | 0            | 0             | 22-10-2018         |
| O                | MOA                       | AEX Index - Mini Option | 21-12-2018  | 440,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 77,8800    | 78   | 0            | 0             | 22-10-2018         |
| O                | MOA                       | AEX Index - Mini Option | 21-12-2018  | 440,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,8500     | 1    | 0            | 0             | 22-10-2018         |
| O                | MOA                       | AEX Index - Mini Option | 21-12-2018  | 460,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 58,5900    | 59   | 0            | 0             | 22-10-2018         |
| O                | MOA                       | AEX Index - Mini Option | 21-12-2018  | 460,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,5700     | 2    | 0            | 0             | 22-10-2018         |
| O                | MOA                       | AEX Index - Mini Option | 21-12-2018  | 470,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 49,2600    | 49   | 0            | 0             | 22-10-2018         |
| O                | MOA                       | AEX Index - Mini Option | 21-12-2018  | 470,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,2500     | 2    | 0            | 0             | 22-10-2018         |
| O                | MOA                       | AEX Index - Mini Option | 21-12-2018  | 480,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 40,2800    | 40   | 0            | 0             | 22-10-2018         |
| O                | MOA                       | AEX Index - Mini Option | 21-12-2018  | 480,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,2800     | 3    | 0            | 3             | 22-10-2018         |
| O                | MOA                       | AEX Index - Mini Option | 21-12-2018  | 485,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 35,9000    | 36   | 0            | 0             | 22-10-2018         |
| O                | MOA                       | AEX Index - Mini Option | 21-12-2018  | 485,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 3,9000     | 4    | 0            | 0             | 22-10-2018         |
| O                | MOA                       | AEX Index - Mini Option | 21-12-2018  | 490,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 31,6900    | 32   | 0            | 0             | 22-10-2018         |
| O                | MOA                       | AEX Index - Mini Option | 21-12-2018  | 490,0000       | P                 | EUR               | 3,7500  | 3,7500  | 3,7500  | 1           | 3,7500  | 4,6900     | 5    | 1            | 3             | 22-10-2018         |
| O                | MOA                       | AEX Index - Mini Option | 21-12-2018  | 495,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 27,6600    | 28   | 0            | 0             | 22-10-2018         |
| O                | MOA                       | AEX Index - Mini Option | 21-12-2018  | 495,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,6700     | 6    | 0            | 0             | 22-10-2018         |
| O                | MOA                       | AEX Index - Mini Option | 21-12-2018  | 500,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 23,8100    | 24   | 0            | 7             | 22-10-2018         |
| O                | MOA                       | AEX Index - Mini Option | 21-12-2018  | 500,0000       | P                 | EUR               | 6,7500  | 6,7500  | 6,7500  | 1           | 6,7500  | 6,8200     | 7    | 1            | 11            | 22-10-2018         |
| O                | MOA                       | AEX Index - Mini Option | 21-12-2018  | 505,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 20,1900    | 20   | 0            | 0             | 22-10-2018         |
| O                | MOA                       | AEX Index - Mini Option | 21-12-2018  | 505,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,2100     | 8    | 0            | 0             | 22-10-2018         |
| O                | MOA                       | AEX Index - Mini Option | 21-12-2018  | 510,0000       | C                 | EUR               | 20,0000 | 20,0000 | 20,0000 | 1           | 20,0000 | 16,7800    | 17   | 3            | 3             | 22-10-2018         |
| O                | MOA                       | AEX Index - Mini Option | 21-12-2018  | 510,0000       | P                 | EUR               | 9,2500  | 9,2500  | 9,2500  | 1           | 9,2500  | 9,7900     | 10   | 1            | 11            | 22-10-2018         |
| O                | MOA                       | AEX Index - Mini Option | 21-12-2018  | 515,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 13,6400    | 14   | 0            | 0             | 22-10-2018         |
| O                | MOA                       | AEX Index - Mini Option | 21-12-2018  | 515,0000       | P                 | EUR               | 12,0000 | 12,0000 | 12,0000 | 1           | 12,0000 | 11,6600    | 12   | 1            |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name         | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open    | High    | Low     | Trade Count | Close   | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|-------------------------|-------------|----------------|-------------------|-------------------|---------|---------|---------|-------------|---------|------------|------|--------------|---------------|--------------------|
| O                | MOA                       | AEX Index - Mini Option | 21-12-2018  | 540,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 26,3400    |      | 26           | 0             | 9 22-10-2018       |
| O                | MOA                       | AEX Index - Mini Option | 21-12-2018  | 545,0000       | C                 | EUR               | 3,6000  | 3,6000  | 2,3000  | 3           | 2,3000  | 2,2900     |      | 2            | 3             | 4 22-10-2018       |
| O                | MOA                       | AEX Index - Mini Option | 21-12-2018  | 545,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 30,3300    |      | 30           | 0             | 2 22-10-2018       |
| O                | MOA                       | AEX Index - Mini Option | 21-12-2018  | 550,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,5700     |      | 2            | 0             | 1 22-10-2018       |
| O                | MOA                       | AEX Index - Mini Option | 21-12-2018  | 550,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 34,6100    |      | 35           | 0             | 4 22-10-2018       |
| O                | MOA                       | AEX Index - Mini Option | 21-12-2018  | 555,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,0900     |      | 1            | 0             | 0 22-10-2018       |
| O                | MOA                       | AEX Index - Mini Option | 21-12-2018  | 555,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 39,1300    |      | 39           | 0             | 1 22-10-2018       |
| O                | MOA                       | AEX Index - Mini Option | 21-12-2018  | 560,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,7600     |      | 1            | 0             | 10 22-10-2018      |
| O                | MOA                       | AEX Index - Mini Option | 21-12-2018  | 560,0000       | P                 | EUR               | 36,6000 | 38,7000 | 36,6000 | 3           | 38,7000 | 43,8100    |      | 44           | 3             | 9 22-10-2018       |
| O                | MOA                       | AEX Index - Mini Option | 21-12-2018  | 565,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,5300     |      | 1            | 0             | 0 22-10-2018       |
| O                | MOA                       | AEX Index - Mini Option | 21-12-2018  | 565,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 48,5800    |      | 49           | 0             | 0 22-10-2018       |
| O                | MOA                       | AEX Index - Mini Option | 21-12-2018  | 570,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3900     |      | 0            | 0             | 1 22-10-2018       |
| O                | MOA                       | AEX Index - Mini Option | 21-12-2018  | 570,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 53,4400    |      | 53           | 0             | 2 22-10-2018       |
| O                | MOA                       | AEX Index - Mini Option | 21-12-2018  | 580,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,2200     |      | 0            | 0             | 0 22-10-2018       |
| O                | MOA                       | AEX Index - Mini Option | 21-12-2018  | 580,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 63,2800    |      | 63           | 0             | 7 22-10-2018       |
| O                | MOA                       | AEX Index - Mini Option | 21-12-2018  | 590,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1600     |      | 0            | 0             | 0 22-10-2018       |
| O                | MOA                       | AEX Index - Mini Option | 21-12-2018  | 590,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 73,2200    |      | 73           | 0             | 0 22-10-2018       |
| O                | MOA                       | AEX Index - Mini Option | 21-12-2018  | 600,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1100     |      | 0            | 0             | 0 22-10-2018       |
| O                | MOA                       | AEX Index - Mini Option | 21-12-2018  | 600,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 83,1800    |      | 83           | 0             | 1 22-10-2018       |
| O                | MOA                       | AEX Index - Mini Option | 21-12-2018  | 620,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0600     |      | 0            | 0             | 0 22-10-2018       |
| O                | MOA                       | AEX Index - Mini Option | 21-12-2018  | 620,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 103,1500   |      | 103          | 0             | 0 22-10-2018       |
| O                | MOA                       | AEX Index - Mini Option | 21-12-2018  | 640,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 0 22-10-2018       |
| O                | MOA                       | AEX Index - Mini Option | 21-12-2018  | 640,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 123,1200   |      | 123          | 0             | 0 22-10-2018       |
| O                | MOA                       | AEX Index - Mini Option | 21-12-2018  | 680,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0100     |      | 0            | 0             | 0 22-10-2018       |
| O                | MOA                       | AEX Index - Mini Option | 21-12-2018  | 680,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 163,1300   |      | 163          | 0             | 0 22-10-2018       |
| O                | MOA                       | AEX Index - Mini Option | 18-1-2019   | 400,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 117,4800   |      | 117          | 0             | 0 22-10-2018       |
| O                | MOA                       | AEX Index - Mini Option | 18-1-2019   | 400,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,4900     |      | 0            | 0             | 0 22-10-2018       |
| O                | MOA                       | AEX Index - Mini Option | 18-1-2019   | 440,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 78,3200    |      | 78           | 0             | 0 22-10-2018       |
| O                | MOA                       | AEX Index - Mini Option | 18-1-2019   | 440,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,3700     |      | 1            | 0             | 0 22-10-2018       |
| O                | MOA                       | AEX Index - Mini Option | 18-1-2019   | 460,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 59,3700    |      | 59           | 0             | 0 22-10-2018       |
| O                | MOA                       | AEX Index - Mini Option | 18-1-2019   | 460,0000       | P                 | EUR               | 2,0000  | 2,0000  | 2,0000  | 1           | 2,0000  | 2,4300     |      | 2            | 3             | 3 22-10-2018       |
| O                | MOA                       | AEX Index - Mini Option | 18-1-2019   | 480,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 41,5100    |      | 42           | 0             | 0 22-10-2018       |
| O                | MOA                       | AEX Index - Mini Option | 18-1-2019   | 480,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,6000     |      | 5            | 0             | 0 22-10-2018       |
| O                | MOA                       | AEX Index - Mini Option | 18-1-2019   | 490,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 33,2500    |      | 33           | 0             | 0 22-10-2018       |
| O                | MOA                       | AEX Index - Mini Option | 18-1-2019   | 490,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 6,3500     |      | 6            | 0             | 0 22-10-2018       |
| O                | MOA                       | AEX Index - Mini Option | 18-1-2019   | 500,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 25,6100    |      | 26           | 0             | 0 22-10-2018       |
| O                | MOA                       | AEX Index - Mini Option | 18-1-2019   | 500,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,7100     |      | 9            | 0             | 0 22-10-2018       |
| O                | MOA                       | AEX Index - Mini Option | 18-1-2019   | 510,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 18,7500    |      | 19           | 0             | 0 22-10-2018       |
| O                | MOA                       | AEX Index - Mini Option | 18-1-2019   | 510,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 11,8600    |      | 12           | 0             | 0 22-10-2018       |
| O                | MOA                       | AEX Index - Mini Option | 18-1-2019   | 520,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,7800    |      | 13           | 0             | 0 22-10-2018       |
| O                | MOA                       | AEX Index - Mini Option | 18-1-2019   | 520,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 15,9000    |      | 16           | 0             | 0 22-10-2018       |
| O                | MOA                       | AEX Index - Mini Option | 18-1-2019   | 525,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 10,2800    |      | 10           | 0             | 0 22-10-2018       |
| O                | MOA                       | AEX Index - Mini Option | 18-1-2019   | 525,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 18,4000    |      | 18           | 0             | 0 22-10-2018       |
| O                | MOA                       | AEX Index - Mini Option | 18-1-2019   | 530,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,1000     |      | 8            | 0             | 0 22-10-2018       |
| O                | MOA                       | AEX Index - Mini Option | 18-1-2019   | 530,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 21,2300    |      | 21           | 0             | 0 22-10-2018       |
| O                | MOA                       | AEX Index - Mini Option | 18-1-2019   | 540,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 4,7100     |      | 5            | 0             | 0 22-10-2018       |
| O                | MOA                       | AEX Index - Mini Option | 18-1-2019   | 540,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 27,8600    |      | 28           | 0             | 0 22-10-2018       |
| O                | MOA                       | AEX Index - Mini Option | 18-1-2019   | 550,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,5200     |      | 3            | 0             | 0 22-10-2018       |
| O                | MOA                       | AEX Index - Mini Option | 18-1-2019   | 550,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 35,6700    |      | 36           | 0             | 0 22-10-2018       |
| O                | MOA                       | AEX Index - Mini Option | 18-1-2019   | 560,0000       | C                 | EUR               | 1,6500  | 1,6500  | 1,6500  | 1           | 1,6500  | 1,3100     |      | 1            | 1             | 1 22-10-2018       |
| O                | MOA                       | AEX Index - Mini Option | 18-1-2019   | 560,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 44,4700    |      | 44           | 0             | 0 22-10-2018       |
| O                | MOA                       | AEX Index - Mini Option | 18-1-2019   | 580,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,3900     |      | 0            | 0             | 0 22-10-2018       |
| O                | MOA                       | AEX Index - Mini Option | 18-1-2019   | 580,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 63,5700    |      | 64           | 0             | 0 22-10-2018       |
| O                | MOA                       | AEX Index - Mini Option | 18-1-2019   | 600,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,1400     |      | 0            | 0             | 0 22-10-2018       |
| O                | MOA                       | AEX Index - Mini Option | 18-1-2019   | 600,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 83,3400    |      | 83           | 0             | 0 22-10-2018       |
| O                | MOA                       | AEX Index - Mini Option | 18-1-2019   | 640,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0200     |      | 0            | 0             | 0 22-10-2018       |
| O                | MOA                       | AEX Index - Mini Option | 18-1-2019   | 640,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 123,2600   |      | 123          | 0             | 0 22-10-2018       |
| O                | MOA                       | AEX Index - Mini Option | 18-1-2019   | 680,0000       | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 0,0300     |      | 0            | 0             | 0 22-10-2018       |
| O                | MOA                       | AEX Index - Mini Option | 18-1-2019   | 680,0000       | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 163,3000   |      | 163          | 0             | 0 22-10-2018       |
| O                | PSX                       | PSI20 Index Option      | 16-11-2018  | 4000,0000      | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1014,5500  |      | 1015         | 0             | 0 22-10-2018       |
| O                | PSX                       | PSI20 Index Option      | 16-11-2018  | 4000,0000      | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 1,2600     |      | 1            | 0             | 0 22-10-2018       |
| O                | PSX                       | PSI20 Index Option      | 16-11-2018  | 4200,0000      | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 815,6800   |      | 816          | 0             | 0 22-10-2018       |
| O                | PSX                       | PSI20 Index Option      | 16-11-2018  | 4200,0000      | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 2,4500     |      | 2            | 0             | 0 22-10-2018       |
| O                | PSX                       | PSI20 Index Option      | 16-11-2018  | 4400,0000      | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 618,4500   |      | 618          | 0             | 0 22-10-2018       |
| O                | PSX                       | PSI20 Index Option      | 16-11-2018  | 4400,0000      | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 5,2700     |      | 5            | 0             | 0 22-10-2018       |
| O                | PSX                       | PSI20 Index Option      | 16-11-2018  | 4500,0000      | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 521,2700   |      | 521          | 0             | 0 22-10-2018       |
| O                | PSX                       | PSI20 Index Option      | 16-11-2018  | 4500,0000      | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 8,1300     |      | 8            | 0             | 0 22-10-2018       |
| O                | PSX                       | PSI20 Index Option      | 16-11-2018  | 4600,0000      | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 425,9800   |      | 426          | 0             | 0 22-10-2018       |
| O                | PSX                       | PSI20 Index Option      | 16-11-2018  | 4600,0000      | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 12,8700    |      | 13           | 0             | 0 22-10-2018       |
| O                | PSX                       | PSI20 Index Option      | 16-11-2018  | 4700,0000      | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 333,8900   |      | 334          | 0             | 0 22-10-2018       |
| O                | PSX                       | PSI20 Index Option      | 16-11-2018  | 4700,0000      | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 20,8000    |      | 21           | 0             | 0 22-10-2018       |
| O                | PSX                       | PSI20 Index Option      | 16-11-2018  | 4800,0000      | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 247,0800   |      | 247          | 0             | 0 22-10-2018       |
| O                | PSX                       | PSI20 Index Option      | 16-11-2018  | 4800,0000      | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 34,0200    |      | 34           | 0             | 0 22-10-2018       |
| O                | PSX                       | PSI20 Index Option      | 16-11-2018  | 4850,0000      | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 206,5900   |      | 207          | 0             | 0 22-10-2018       |
| O                | PSX                       | PSI20 Index Option      | 16-11-2018  | 4850,0000      | P                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 43,5500    |      | 44           | 0             | 0 22-10-2018       |
| O                | PSX                       | PSI20 Index Option      | 16-11-2018  | 4900,0000      | C                 | EUR               | 0,0000  | 0,0000  | 0,0000  | -           | 0,0000  | 168,6700   |      |              |               |                    |



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| Instrument Type* | Instrument Trading Symbol | Instrument Name    | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|--------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | PSX                       | PSI20 Index Option | 21-12-2018  | 5400,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 400,7000   | 401  | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 21-12-2018  | 5450,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,3900     | 7    | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 21-12-2018  | 5450,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 446,6800   | 447  | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 21-12-2018  | 5500,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,6600     | 5    | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 21-12-2018  | 5500,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 493,9800   | 494  | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 21-12-2018  | 5550,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8700     | 3    | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 21-12-2018  | 5550,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 542,2300   | 542  | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 21-12-2018  | 5600,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,7600     | 2    | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 21-12-2018  | 5600,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 591,1500   | 591  | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 21-12-2018  | 5650,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0800     | 1    | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 21-12-2018  | 5650,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 640,5100   | 641  | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 21-12-2018  | 5700,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6800     | 1    | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 21-12-2018  | 5700,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 690,1400   | 690  | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 21-12-2018  | 5750,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4400     | 0    | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 21-12-2018  | 5750,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 739,9300   | 740  | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 21-12-2018  | 5800,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2900     | 0    | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 21-12-2018  | 5800,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 789,8100   | 790  | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 21-12-2018  | 5850,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1900     | 0    | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 21-12-2018  | 5850,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 839,7500   | 840  | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 21-12-2018  | 5900,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     | 0    | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 21-12-2018  | 5900,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 889,7200   | 890  | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 21-12-2018  | 6000,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 21-12-2018  | 6000,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 989,7100   | 990  | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 21-12-2018  | 6100,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0200     | 0    | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 21-12-2018  | 6100,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1089,7400  | 1090 | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 21-12-2018  | 6200,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 21-12-2018  | 6200,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1189,8000  | 1190 | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 21-12-2018  | 6400,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 21-12-2018  | 6400,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1389,9300  | 1390 | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 21-12-2018  | 6800,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 21-12-2018  | 6800,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1790,1900  | 1790 | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 21-12-2018  | 7200,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 21-12-2018  | 7200,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2190,4600  | 2190 | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 18-1-2019   | 4000,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1022,0900  | 1022 | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 18-1-2019   | 4000,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 12,1100    | 12   | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 18-1-2019   | 4200,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 828,9400   | 829  | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 18-1-2019   | 4200,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 19,1600    | 19   | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 18-1-2019   | 4400,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 641,0000   | 641  | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 18-1-2019   | 4400,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 31,4100    | 31   | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 18-1-2019   | 4500,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 550,1800   | 550  | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 18-1-2019   | 4500,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 40,6800    | 41   | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 18-1-2019   | 4600,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 462,4100   | 462  | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 18-1-2019   | 4600,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 53,0200    | 53   | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 18-1-2019   | 4700,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 378,7000   | 379  | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 18-1-2019   | 4700,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 69,4000    | 69   | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 18-1-2019   | 4800,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 300,2500   | 300  | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 18-1-2019   | 4800,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 91,0400    | 91   | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 18-1-2019   | 4900,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 228,5200   | 229  | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 18-1-2019   | 4900,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 119,4200   | 119  | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 18-1-2019   | 4950,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 195,6800   | 196  | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 18-1-2019   | 4950,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 136,6200   | 137  | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 18-1-2019   | 5000,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 165,1300   | 165  | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 18-1-2019   | 5000,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 156,1200   | 156  | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 18-1-2019   | 5050,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 137,2200   | 137  | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 18-1-2019   | 5050,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 178,2600   | 178  | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 18-1-2019   | 5100,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 112,1800   | 112  | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 18-1-2019   | 5100,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 203,2700   | 203  | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 18-1-2019   | 5150,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 90,1400    | 90   | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 18-1-2019   | 5150,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 231,2800   | 231  | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 18-1-2019   | 5200,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 71,1200    | 71   | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 18-1-2019   | 5200,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 262,3100   | 262  | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 18-1-2019   | 5300,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 41,7800    | 42   | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 18-1-2019   | 5300,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 338,0700   | 338  | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 18-1-2019   | 5400,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 22,6700    | 23   | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 18-1-2019   | 5400,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 414,0500   | 414  | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 18-1-2019   | 5500,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,3800    | 11   | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 18-1-2019   | 5500,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 502,8600   | 503  | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 18-1-2019   | 5600,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,3600     | 5    | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 18-1-2019   | 5600,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 596,9400   | 597  | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 18-1-2019   | 5800,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2000     | 1    | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 18-1-2019   | 5800,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 792,9700   | 793  | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 18-1-2019   | 6000,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2600     | 0    | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 18-1-2019   | 6000,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 992,2300   | 992  | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 18-1-2019   | 6400,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 18-1-2019   | 6400,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0      |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name    | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|--------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 4700,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 413,1000   | 413  | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 4700,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 105,6200   | 106  | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 4800,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 338,3300   | 338  | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 4800,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 131,0000   | 131  | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 4850,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 303,1000   | 303  | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 4850,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 145,8500   | 146  | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 4900,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 269,4700   | 269  | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 4900,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 162,3000   | 162  | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 4950,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 237,5800   | 238  | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 4950,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 180,4900   | 180  | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 5000,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 207,5400   | 208  | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 5000,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 200,5200   | 201  | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 5050,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 179,4600   | 179  | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 5050,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 222,5300   | 223  | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 5100,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 153,5000   | 154  | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 5100,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 246,6500   | 247  | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 5150,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 129,8700   | 130  | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 5150,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 273,0900   | 273  | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 5200,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 108,6000   | 109  | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 5200,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 301,9100   | 302  | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 5250,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 89,7200    | 90   | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 5250,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 333,1000   | 333  | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 5300,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 73,1700    | 73   | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 5300,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 366,6300   | 367  | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 5350,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 58,8800    | 59   | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 5350,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 402,4200   | 402  | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 5400,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 46,7200    | 47   | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 5400,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 440,3500   | 440  | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 5450,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 36,5500    | 37   | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 5450,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 480,2600   | 480  | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 5500,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 28,1800    | 28   | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 5500,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 521,9700   | 522  | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 5550,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 21,4100    | 21   | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 5550,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 565,2800   | 565  | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 5600,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 16,0300    | 16   | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 5600,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 609,9700   | 610  | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 5650,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,8400    | 12   | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 5650,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 655,8500   | 656  | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 5700,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,6100     | 9    | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 5700,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 702,7100   | 703  | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 5750,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,1800     | 6    | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 5750,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 750,3600   | 750  | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 5800,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,3800     | 4    | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 5800,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 798,6300   | 799  | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 5900,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,1100     | 2    | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 5900,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 896,5300   | 897  | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 6000,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,9600     | 1    | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 6000,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 995,5400   | 996  | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 6100,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4200     | 0    | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 6100,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1095,1500  | 1095 | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 6200,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1700     | 0    | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 6200,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1195,0600  | 1195 | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 6400,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 6400,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1395,2400  | 1395 | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 6800,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 6800,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1795,8500  | 1796 | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 7200,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0100     | 0    | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 15-3-2019   | 7200,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2196,4800  | 2196 | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 21-6-2019   | 3600,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1266,1500  | 1266 | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 21-6-2019   | 3600,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 34,8800    | 35   | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 21-6-2019   | 4000,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 894,1600   | 894  | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 21-6-2019   | 4000,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 63,9500    | 64   | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 21-6-2019   | 4200,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 718,2600   | 718  | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 21-6-2019   | 4200,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 88,5800    | 89   | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 21-6-2019   | 4400,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 553,5400   | 554  | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 21-6-2019   | 4400,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 124,4000   | 124  | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 21-6-2019   | 4600,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 404,3000   | 404  | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 21-6-2019   | 4600,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 175,6900   | 176  | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 21-6-2019   | 4700,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 337,0000   | 337  | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 21-6-2019   | 4700,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 208,6600   | 209  | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 21-6-2019   | 4800,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 275,4000   | 275  | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 21-6-2019   | 4800,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 247,3200   | 247  | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 21-6-2019   | 4850,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 246,9100   | 247  | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 21-6-2019   | 4850,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 268,9600   | 269  | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 21-6-2019   | 4900,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 |             |        |            |      |              |               |                    |



| Instrument Type* | Instrument Trading Symbol | Instrument Name    | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|--------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| O                | PSX                       | PSI20 Index Option | 21-6-2019   | 5150,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 434,2600   | 434  | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 21-6-2019   | 5200,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 94,9100    | 95   | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 21-6-2019   | 5200,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 467,9000   | 468  | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 21-6-2019   | 5250,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 80,1200    | 80   | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 21-6-2019   | 5250,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 503,2400   | 503  | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 21-6-2019   | 5300,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 66,9800    | 67   | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 21-6-2019   | 5300,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 540,2300   | 540  | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 21-6-2019   | 5350,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 55,4100    | 55   | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 21-6-2019   | 5350,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 578,8000   | 579  | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 21-6-2019   | 5400,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 45,3400    | 45   | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 21-6-2019   | 5400,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 618,8700   | 619  | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 21-6-2019   | 5450,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 36,6800    | 37   | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 21-6-2019   | 5450,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 660,3300   | 660  | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 21-6-2019   | 5500,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 29,3200    | 29   | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 21-6-2019   | 5500,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 703,1100   | 703  | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 21-6-2019   | 5550,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 23,2000    | 23   | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 21-6-2019   | 5550,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 747,1200   | 747  | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 21-6-2019   | 5600,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 18,2000    | 18   | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 21-6-2019   | 5600,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 792,2600   | 792  | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 21-6-2019   | 5700,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 11,0300    | 11   | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 21-6-2019   | 5700,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 885,3500   | 885  | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 21-6-2019   | 5800,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,6100     | 7    | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 21-6-2019   | 5800,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 981,2000   | 981  | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 21-6-2019   | 6000,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3700     | 2    | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 21-6-2019   | 6000,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1177,4900  | 1177 | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 21-6-2019   | 6200,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8400     | 1    | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 21-6-2019   | 6200,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1376,4900  | 1376 | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 21-6-2019   | 6400,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2800     | 0    | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 21-6-2019   | 6400,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1576,4700  | 1576 | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 21-6-2019   | 6800,0000      | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0300     | 0    | 0            | 0             | 22-10-2018         |
| O                | PSX                       | PSI20 Index Option | 21-6-2019   | 6800,0000      | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1977,2800  | 1977 | 0            | 0             | 22-10-2018         |

\* O: Option / F: Future      \*\* C: Call / P: Put

Currency Derivatives

| Instrument Type* | Instrument Trading Symbol | Instrument Name              | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|------------------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| F                | FED                       | FUTURE EURO/DOLLAR           | 16-11-2018  | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 114,8700   | 115  | 0            | 0             | 22-10-2018         |
| F                | FED                       | FUTURE EURO/DOLLAR           | 21-12-2018  | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 115,1300   | 115  | 0            | 0             | 22-10-2018         |
| F                | FED                       | FUTURE EURO/DOLLAR           | 18-1-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 115,3700   | 115  | 0            | 0             | 22-10-2018         |
| F                | FED                       | FUTURE EURO/DOLLAR           | 15-3-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 115,8300   | 116  | 0            | 0             | 22-10-2018         |
| F                | FED                       | FUTURE EURO/DOLLAR           | 21-6-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 116,7000   | 117  | 0            | 0             | 22-10-2018         |
| F                | FED                       | FUTURE EURO/DOLLAR           | 20-9-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 117,5300   | 118  | 0            | 0             | 22-10-2018         |
| F                | FPD                       | British Pound / USD Futures  | 16-11-2018  | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 130,0200   | 130  | 0            | 0             | 22-10-2018         |
| F                | FPD                       | British Pound / USD Futures  | 21-12-2018  | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 130,3200   | 130  | 0            | 0             | 22-10-2018         |
| F                | FPD                       | British Pound / USD Futures  | 18-1-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 130,5900   | 131  | 0            | 0             | 22-10-2018         |
| F                | FPD                       | British Pound / USD Futures  | 15-3-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 131,1100   | 131  | 0            | 0             | 22-10-2018         |
| F                | FPD                       | British Pound / USD Futures  | 21-6-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 132,0900   | 132  | 0            | 0             | 22-10-2018         |
| F                | FPD                       | British Pound / USD Futures  | 20-9-2019   | 0,0000         |                   | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 133,0400   | 133  | 0            | 0             | 22-10-2018         |
| F                | FPE                       | British Pound / Euro Futures | 16-11-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 113,2000   | 113  | 0            | 0             | 22-10-2018         |
| F                | FPE                       | British Pound / Euro Futures | 21-12-2018  | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 113,1600   | 113  | 0            | 0             | 22-10-2018         |
| F                | FPE                       | British Pound / Euro Futures | 18-1-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 113,1200   | 113  | 0            | 0             | 22-10-2018         |
| F                | FPE                       | British Pound / Euro Futures | 15-3-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 113,0800   | 113  | 0            | 0             | 22-10-2018         |
| F                | FPE                       | British Pound / Euro Futures | 21-6-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 112,9800   | 113  | 0            | 0             | 22-10-2018         |
| F                | FPE                       | British Pound / Euro Futures | 20-9-2019   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 112,8900   | 113  | 0            | 0             | 22-10-2018         |
| O                | PDX                       | British Pound / USD Options  | 16-11-2018  | 125,0000       | C                 | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,0900     | 5    | 0            | 0             | 22-10-2018         |
| O                | PDX                       | British Pound / USD Options  | 16-11-2018  | 125,0000       | P                 | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0800     | 0    | 0            | 0             | 22-10-2018         |
| O                | PDX                       | British Pound / USD Options  | 16-11-2018  | 126,0000       | C                 | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,1700     | 4    | 0            | 0             | 22-10-2018         |
| O                | PDX                       | British Pound / USD Options  | 16-11-2018  | 126,0000       | P                 | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1500     | 0    | 0            | 0             | 22-10-2018         |
| O                | PDX                       | British Pound / USD Options  | 16-11-2018  | 127,0000       | C                 | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3100     | 3    | 0            | 0             | 22-10-2018         |
| O                | PDX                       | British Pound / USD Options  | 16-11-2018  | 127,0000       | P                 | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2900     | 0    | 0            | 0             | 22-10-2018         |
| O                | PDX                       | British Pound / USD Options  | 16-11-2018  | 128,0000       | C                 | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5300     | 3    | 0            | 0             | 22-10-2018         |
| O                | PDX                       | British Pound / USD Options  | 16-11-2018  | 128,0000       | P                 | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5100     | 1    | 0            | 0             | 22-10-2018         |
| O                | PDX                       | British Pound / USD Options  | 16-11-2018  | 129,0000       | C                 | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8500     | 2    | 0            | 0             | 22-10-2018         |
| O                | PDX                       | British Pound / USD Options  | 16-11-2018  | 129,0000       | P                 | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8300     | 1    | 0            | 0             | 22-10-2018         |
| O                | PDX                       | British Pound / USD Options  | 16-11-2018  | 130,0000       | C                 | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2900     | 1    | 0            | 0             | 22-10-2018         |
| O                | PDX                       | British Pound / USD Options  | 16-11-2018  | 130,0000       | P                 | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,2700     | 1    | 0            | 0             | 22-10-2018         |
| O                | PDX                       | British Pound / USD Options  | 16-11-2018  | 131,0000       | C                 | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8600     | 1    | 0            | 0             | 22-10-2018         |
| O                | PDX                       | British Pound / USD Options  | 16-11-2018  | 131,0000       | P                 | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8400     | 2    | 0            | 0             | 22-10-2018         |
| O                | PDX                       | British Pound / USD Options  | 16-11-2018  | 132,0000       | C                 | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5400     | 1    | 0            | 0             | 22-10-2018         |
| O                | PDX                       | British Pound / USD Options  | 16-11-2018  | 132,0000       | P                 | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5200     | 3    | 0            | 0             | 22-10-2018         |
| O                | PDX                       | British Pound / USD Options  | 16-11-2018  | 133,0000       | C                 | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3200     | 0    | 0            | 0             | 22-10-2018         |
| O                | PDX                       | British Pound / USD Options  | 16-11-2018  | 133,0000       | P                 | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,2900     | 3    | 0            | 0             | 22-10-2018         |
| O                | PDX                       | British Pound / USD Options  | 16-11-2018  | 134,0000       | C                 | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1800     | 0    | 0            | 0             | 22-10-2018         |
| O                | PDX                       | British Pound / USD Options  | 16-11-2018  | 134,0000       | P                 | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,1500     | 4    | 0            | 0             | 22-10-2018         |
| O                | PDX                       | British Pound / USD Options  | 16-11-2018  | 135,0000       | C                 | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     | 0    | 0            | 0             | 22-10-2018         |
| O                | PDX                       | British Pound / USD Options  | 16-11-2018  | 135,0000       | P                 | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,0700     | 5    | 0            | 0             | 22-10-2018         |
| O                | PDX                       | British Pound / USD Options  | 21-12-2018  | 122,0000       | C                 | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 8,3800     | 8    | 0            | 0             | 22-10-2018         |
| O                | PDX                       | British Pound / USD Options  | 21-12-2018  | 122,0000       | P                 | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0900     | 0    | 0            | 0             | 22-10-2018         |
| O                | PDX                       | British Pound / USD Options  | 21-12-2018  | 124,0000       | C                 | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,5200     | 7    | 0            | 0             | 22-10-2018         |
| O                | PDX                       | British Pound / USD Options  | 21-12-2018  | 124,0000       | P                 | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2300     | 0    | 0            | 0             | 22-10-2018         |
| O                | PDX                       | British Pound / USD Options  | 21-12-2018  | 126,0000       | C                 | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,8200     | 5    | 0            | 0             | 22-10-2018         |
| O                | PDX                       | British Pound / USD Options  | 21-12-2018  | 126,0000       | P                 | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5100     | 1    | 0            | 0             | 22-10-2018         |
| O                | PDX                       | British Pound / USD Options  | 21-12-2018  | 128,0000       | C                 | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3400     | 3    | 0            | 0             | 22-10-2018         |
| O                | PDX                       | British Pound / USD Options  | 21-12-2018  | 128,0000       | P                 | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0300     | 1    | 0            | 0             | 22-10-2018         |



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| Instrument Type* | Instrument Trading Symbol | Instrument Name              | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open interest | Open Interest Date |            |
|------------------|---------------------------|------------------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|------------|
| O                | PDX                       | British Pound / USD Options  | 20-9-2019   | 126,0000       | P                 | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9400     | 7    | 2            | 0             | 0                  | 22-10-2018 |
| O                | PDX                       | British Pound / USD Options  | 20-9-2019   | 128,0000       | C                 | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,4800     | 7    | 0            | 0             | 0                  | 22-10-2018 |
| O                | PDX                       | British Pound / USD Options  | 20-9-2019   | 128,0000       | P                 | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5600     | 3    | 0            | 0             | 0                  | 22-10-2018 |
| O                | PDX                       | British Pound / USD Options  | 20-9-2019   | 130,0000       | C                 | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,2700     | 6    | 0            | 0             | 0                  | 22-10-2018 |
| O                | PDX                       | British Pound / USD Options  | 20-9-2019   | 130,0000       | P                 | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,3100     | 3    | 0            | 0             | 0                  | 22-10-2018 |
| O                | PDX                       | British Pound / USD Options  | 20-9-2019   | 132,0000       | C                 | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,2000     | 5    | 0            | 0             | 0                  | 22-10-2018 |
| O                | PDX                       | British Pound / USD Options  | 20-9-2019   | 132,0000       | P                 | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,1900     | 4    | 0            | 0             | 0                  | 22-10-2018 |
| O                | PDX                       | British Pound / USD Options  | 20-9-2019   | 134,0000       | C                 | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,2600     | 4    | 0            | 0             | 0                  | 22-10-2018 |
| O                | PDX                       | British Pound / USD Options  | 20-9-2019   | 134,0000       | P                 | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,2000     | 5    | 0            | 0             | 0                  | 22-10-2018 |
| O                | PDX                       | British Pound / USD Options  | 20-9-2019   | 136,0000       | C                 | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4400     | 3    | 0            | 0             | 0                  | 22-10-2018 |
| O                | PDX                       | British Pound / USD Options  | 20-9-2019   | 136,0000       | P                 | USD               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,3300     | 6    | 0            | 0             | 0                  | 22-10-2018 |
| O                | PEX                       | British Pound / Euro Options | 16-11-2018  | 108,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,2500     | 5    | 0            | 0             | 0                  | 22-10-2018 |
| O                | PEX                       | British Pound / Euro Options | 16-11-2018  | 108,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,0500     | 0    | 0            | 0             | 0                  | 22-10-2018 |
| O                | PEX                       | British Pound / Euro Options | 16-11-2018  | 109,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,3200     | 4    | 0            | 0             | 0                  | 22-10-2018 |
| O                | PEX                       | British Pound / Euro Options | 16-11-2018  | 109,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1200     | 0    | 0            | 0             | 0                  | 22-10-2018 |
| O                | PEX                       | British Pound / Euro Options | 16-11-2018  | 110,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4300     | 3    | 0            | 0             | 0                  | 22-10-2018 |
| O                | PEX                       | British Pound / Euro Options | 16-11-2018  | 110,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,2300     | 0    | 0            | 0             | 0                  | 22-10-2018 |
| O                | PEX                       | British Pound / Euro Options | 16-11-2018  | 111,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,6300     | 3    | 0            | 0             | 0                  | 22-10-2018 |
| O                | PEX                       | British Pound / Euro Options | 16-11-2018  | 111,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4300     | 0    | 0            | 0             | 0                  | 22-10-2018 |
| O                | PEX                       | British Pound / Euro Options | 16-11-2018  | 112,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9200     | 2    | 0            | 0             | 0                  | 22-10-2018 |
| O                | PEX                       | British Pound / Euro Options | 16-11-2018  | 112,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7200     | 1    | 0            | 0             | 0                  | 22-10-2018 |
| O                | PEX                       | British Pound / Euro Options | 16-11-2018  | 113,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3400     | 1    | 0            | 0             | 0                  | 22-10-2018 |
| O                | PEX                       | British Pound / Euro Options | 16-11-2018  | 113,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1400     | 1    | 0            | 0             | 0                  | 22-10-2018 |
| O                | PEX                       | British Pound / Euro Options | 16-11-2018  | 114,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8800     | 1    | 0            | 0             | 0                  | 22-10-2018 |
| O                | PEX                       | British Pound / Euro Options | 16-11-2018  | 114,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6800     | 2    | 0            | 0             | 0                  | 22-10-2018 |
| O                | PEX                       | British Pound / Euro Options | 16-11-2018  | 115,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,5500     | 1    | 0            | 0             | 0                  | 22-10-2018 |
| O                | PEX                       | British Pound / Euro Options | 16-11-2018  | 115,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3500     | 2    | 0            | 0             | 0                  | 22-10-2018 |
| O                | PEX                       | British Pound / Euro Options | 16-11-2018  | 116,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3200     | 0    | 0            | 0             | 0                  | 22-10-2018 |
| O                | PEX                       | British Pound / Euro Options | 16-11-2018  | 116,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1200     | 3    | 0            | 0             | 0                  | 22-10-2018 |
| O                | PEX                       | British Pound / Euro Options | 16-11-2018  | 117,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1800     | 0    | 0            | 0             | 0                  | 22-10-2018 |
| O                | PEX                       | British Pound / Euro Options | 16-11-2018  | 117,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,9800     | 4    | 0            | 0             | 0                  | 22-10-2018 |
| O                | PEX                       | British Pound / Euro Options | 21-12-2018  | 106,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,2900     | 7    | 0            | 0             | 0                  | 22-10-2018 |
| O                | PEX                       | British Pound / Euro Options | 21-12-2018  | 106,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1300     | 0    | 0            | 0             | 0                  | 22-10-2018 |
| O                | PEX                       | British Pound / Euro Options | 21-12-2018  | 108,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,4800     | 5    | 0            | 0             | 0                  | 22-10-2018 |
| O                | PEX                       | British Pound / Euro Options | 21-12-2018  | 108,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,3200     | 0    | 0            | 0             | 0                  | 22-10-2018 |
| O                | PEX                       | British Pound / Euro Options | 21-12-2018  | 109,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,6500     | 5    | 0            | 0             | 0                  | 22-10-2018 |
| O                | PEX                       | British Pound / Euro Options | 21-12-2018  | 109,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4900     | 0    | 0            | 0             | 0                  | 22-10-2018 |
| O                | PEX                       | British Pound / Euro Options | 21-12-2018  | 110,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,8800     | 4    | 0            | 0             | 0                  | 22-10-2018 |
| O                | PEX                       | British Pound / Euro Options | 21-12-2018  | 110,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,7200     | 1    | 0            | 0             | 0                  | 22-10-2018 |
| O                | PEX                       | British Pound / Euro Options | 21-12-2018  | 111,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,1700     | 3    | 0            | 0             | 0                  | 22-10-2018 |
| O                | PEX                       | British Pound / Euro Options | 21-12-2018  | 111,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0200     | 1    | 0            | 0             | 0                  | 22-10-2018 |
| O                | PEX                       | British Pound / Euro Options | 21-12-2018  | 112,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,5400     | 3    | 0            | 0             | 0                  | 22-10-2018 |
| O                | PEX                       | British Pound / Euro Options | 21-12-2018  | 112,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,3900     | 1    | 0            | 0             | 0                  | 22-10-2018 |
| O                | PEX                       | British Pound / Euro Options | 21-12-2018  | 113,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,0000     | 2    | 0            | 0             | 0                  | 22-10-2018 |
| O                | PEX                       | British Pound / Euro Options | 21-12-2018  | 113,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8400     | 2    | 0            | 0             | 0                  | 22-10-2018 |
| O                | PEX                       | British Pound / Euro Options | 21-12-2018  | 114,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5300     | 2    | 0            | 0             | 0                  | 22-10-2018 |
| O                | PEX                       | British Pound / Euro Options | 21-12-2018  | 114,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3800     | 2    | 0            | 0             | 0                  | 22-10-2018 |
| O                | PEX                       | British Pound / Euro Options | 21-12-2018  | 115,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1500     | 1    | 0            | 0             | 0                  | 22-10-2018 |
| O                | PEX                       | British Pound / Euro Options | 21-12-2018  | 115,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,0000     | 3    | 0            | 0             | 0                  | 22-10-2018 |
| O                | PEX                       | British Pound / Euro Options | 21-12-2018  | 116,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,8400     | 1    | 0            | 0             | 0                  | 22-10-2018 |
| O                | PEX                       | British Pound / Euro Options | 21-12-2018  | 116,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,6900     | 4    | 0            | 0             | 0                  | 22-10-2018 |
| O                | PEX                       | British Pound / Euro Options | 21-12-2018  | 117,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6000     | 0    | 0            | 0             | 0                  | 22-10-2018 |
| O                | PEX                       | British Pound / Euro Options | 21-12-2018  | 117,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,4500     | 4    | 0            | 0             | 0                  | 22-10-2018 |
| O                | PEX                       | British Pound / Euro Options | 21-12-2018  | 118,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,4200     | 0    | 0            | 0             | 0                  | 22-10-2018 |
| O                | PEX                       | British Pound / Euro Options | 21-12-2018  | 118,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 5,2700     | 5    | 0            | 0             | 0                  | 22-10-2018 |
| O                | PEX                       | British Pound / Euro Options | 21-12-2018  | 120,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,1900     | 0    | 0            | 0             | 0                  | 22-10-2018 |
| O                | PEX                       | British Pound / Euro Options | 21-12-2018  | 120,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,0400     | 7    | 0            | 0             | 0                  | 22-10-2018 |
| O                | PEX                       | British Pound / Euro Options | 18-1-2019   | 111,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,5200     | 4    | 0            | 0             | 0                  | 22-10-2018 |
| O                | PEX                       | British Pound / Euro Options | 18-1-2019   | 111,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,4000     | 1    | 0            | 0             | 0                  | 22-10-2018 |
| O                | PEX                       | British Pound / Euro Options | 18-1-2019   | 112,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,9200     | 3    | 0            | 0             | 0                  | 22-10-2018 |
| O                | PEX                       | British Pound / Euro Options | 18-1-2019   | 112,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,8000     | 2    | 0            | 0             | 0                  | 22-10-2018 |
| O                | PEX                       | British Pound / Euro Options | 18-1-2019   | 113,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,3900     | 2    | 0            | 0             | 0                  | 22-10-2018 |
| O                | PEX                       | British Pound / Euro Options | 18-1-2019   | 113,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,2700     | 2    | 0            | 0             | 0                  | 22-10-2018 |
| O                | PEX                       | British Pound / Euro Options | 18-1-2019   | 114,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,9200     | 2    | 0            | 0             | 0                  | 22-10-2018 |
| O                | PEX                       | British Pound / Euro Options | 18-1-2019   | 114,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 2,8000     | 3    | 0            | 0             | 0                  | 22-10-2018 |
| O                | PEX                       | British Pound / Euro Options | 18-1-2019   | 115,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,5200     | 2    | 0            | 0             | 0                  | 22-10-2018 |
| O                | PEX                       | British Pound / Euro Options | 18-1-2019   | 115,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 3,4100     | 3    | 0            | 0             | 0                  | 22-10-2018 |
| O                | PEX                       | British Pound / Euro Options | 18-1-2019   | 116,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,1900     | 1    | 0            | 0             | 0                  | 22-10-2018 |
| O                | PEX                       | British Pound / Euro Options | 18-1-2019   | 116,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,0700     | 4    | 0            | 0             | 0                  | 22-10-2018 |
| O                | PEX                       | British Pound / Euro Options | 15-3-2019   | 106,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 7,7200     | 8    | 0            | 0             | 0                  | 22-10-2018 |
| O                | PEX                       | British Pound / Euro Options | 15-3-2019   | 106,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 0,6200     | 1    | 0            | 0             | 0                  | 22-10-2018 |
| O                | PEX                       | British Pound / Euro Options | 15-3-2019   | 108,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 6,1400     | 6    | 0            | 0             | 0                  | 22-10-2018 |
| O                | PEX                       | British Pound / Euro Options | 15-3-2019   | 108,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,0500     | 1    | 0            | 0             | 0                  | 22-10-2018 |
| O                | PEX                       | British Pound / Euro Options | 15-3-2019   | 110,0000       | C                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 4,7300     | 5    | 0            | 0             | 0                  | 22-10-2018 |
| O                | PEX                       | British Pound / Euro Options | 15-3-2019   | 110,0000       | P                 | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 1,6500     | 2    | 0            | 0             | 0                  | 22-10-2018 |



\* O: Option / F: Future      \*\* C: Call / P: Put

## Instrument Type



| Instrument Type* | Instrument Trading Symbol | Instrument Name                      | Expiry Date | Exercise Price | Option Category** | Contract Currency | Open   | High   | Low    | Trade Count | Close  | Settlement | EDSP | Total Volume | Open Interest | Open Interest Date |
|------------------|---------------------------|--------------------------------------|-------------|----------------|-------------------|-------------------|--------|--------|--------|-------------|--------|------------|------|--------------|---------------|--------------------|
| F                | WFP                       | Sweet Whey Food Grade Powder Futures | 23-3-2020   | 0,0000         |                   | EUR               | 0,0000 | 0,0000 | 0,0000 | -           | 0,0000 | 680,0000   | 680  | 0            | 0             | 22-10-2018         |

\* O: Option / F: Future

\*\* C: Call / P: Put